Management Status Report
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Chemicals studied by the National Toxicology Program are selected mainly on the basis of human exposure, production levels, chemical structure, and available toxicologic data. Selection of a chemical for a study does not imply that the chemical is hazardous or a potential carcinogen in laboratory animals; likewise, a chemical not selected for toxicologic study by the Program should not be taken to mean that the chemical is not potentially hazardous or potentially carcinogenic in laboratory rodents. Compounds are listed by a common or generic name; if this is not available, the chemical name is used. For additional information, send requests to: Central Data Management, Mail Drop E1-02, NIEHS, P. O. Box 12233, Research Triangle Park, NC 27709 (Telephone: 919-541-3419; FAX: 919-558-7056 or 919-541-3687; EMAIL: CDM@NIEHS.NIH.GOV).

The abstracts for all published long-term NTP technical reports are available in Volume 101, Supplement 1 of ENVIRONMENTAL HEALTH PERSPECTIVES (EHP) (1993) and electronically on the National Toxicology Program Worldwide web (WWW) site. To view this information requires access to the Internet and a software client such as Netscape or Internet Explorer. The Worldwide Web server is located at NIEHS; the address (URL) to access the NTP Worldwide Web Homepage is http://ntp-server.niehs.nih.gov/.

Printed copies of Technical Reports on NTP toxicology and carcinogenesis studies and short-term toxicity studies are available through the Environmental Health Information Service (EHIS). This subscription service was established in FY 1997 to generate and distribute relevant environmental health information. In addition to distributing a number of hardcopy documents, these documents will be made available electronically over the World Wide Web. The address (URL) to access EHIS is http://ehis.niehs.nih.gov/.

If you have further questions about electronic access or to request a copy of EHP, VOL. 101, contact CENTRAL DATA MANAGEMENT, MAIL DROP E1-02, NIEHS, P. O. BOX 12233, RESEARCH TRIANGLE PARK, NC 27709 (TELEPHONE: 919-541-3419; FAX: 919-558-7056 or 919-541-3687; E-MAIL: CDM@NIEHS.NIH.GOV).

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Abbreviations used in this report:

ROUTE Route of Administration:

AQUAT	Aqueous Exposure	IVAG	Intravaginal
FEED	Dosed-Feed	MICRO	Microencapsulation in Feed
GAV	Gavage	SC&GV	Subcutaneous Inj. + Gavage
GV/FD	Gavage, Feed	SC/IJ	Subcutaneous Injection
GV/WB	Gavage, Whole Body Exp.	SP	Topical
IM	Intramuscular	UTERO	In Utero
INHAL	Inhalation	WATER	Dosed-Water
IP/IJ	Intraperitoneal Injection	WB	Whole Body Exposure
IT	Intratracheal		

SPECIES

R	Rats
M	Mice
H	Hamsters
F	Fish

USE Primary Use Category and Abbreviations:

ADHS	As or in Adhesives, Glues, and Tape
CMOT	Chemotherapeutic Agents
COMT	Contaminates and/or Impurities
COSM	Cosmetics, Perfumes, Fragrances, Hair Preparations, Skin Lotions
DTRG	Detergents and Cleansers
DYE	As or in Dyes, Inks, and Pigments
ELEC	In Electrical and/or Dielectric Systems or Products
ENVH	Environmental (Air/Water) Pollutants
FDPK	As or in Food-packaging Products
FEED	As or in Animal Feed or Feed Products
FERT	As or in Fertilizer(s)
FLAM	Flame Retardants
FOOD	Food, Beverages, or Additives
FUEL	As or in Fuel or Oil Products
FUME	Fumigants
FUNG	Fungicide(s)
GERM	Germicides, Disinfectants, Antiseptics
GLAS	As or in Glass, Ceramic and/or Pottery Products
HERB	Herbicide(s)
IND	Industrial Uses
INTR	Chemical Intermediate or Catalyst
LABC	Unspecified Chemical Uses not Fitting into SOLV, INTR, or REAG categories
METL	Metals or in Metal Products
MINL	Minerals and Natural Fibers
MLTR	Military or Policing Purposes
N/S	Naturally Occurring and Synthetic
NATL	Naturally Occurring Substances
NSUL	As or in Insulation or Insulation Products
OCCH	Occupational Hazards
PAPR	As or in Paper or Paper Products
PEST	Pesticides, General or Unclassified
PHAR	Pharmaceuticals or Intermediates
PHOT	Photography or related purposes
PLAS	As or in Plastics
PNT	Paint Ingredient
REAG	Laboratory Reagent
RUBR	Rubber Chemical
SOLV	Vehicles and Solvents
SYN	Synthetic
TBCO	Tobacco and Tobacco Products
TEXL	In Manufacture of Textiles
WATR	In Water and/or Sewage Treatment
WOOD	In Wood Industry

CAR Carcinogenicity:

The National Toxicology Program describes the results of individual experiments on a chemical agent and notes the strength of evidence for conclusions regarding each study. Negative results, in which the study animals do not have a greater incidence of neoplasia than control animals, do not necessarily mean that a chemical is not a carcinogen, inasmuch as the experiments are conducted under a limited set of conditions. Positive results demonstrate that a chemical is carcinogenic for laboratory animals under the conditions of the study and indicate that exposure to the chemical has the potential for hazard to humans. Five categories of evidence of carcinogenic activity are used in the Technical Report series to summarize the strength of the evidence observed in each experiment: two categories for positive results ("Clear Evidence" and "Some Evidence"); one category for uncertain findings ("Equivocal Evidence"); one category for no observable effects ("No Evidence"); and one category for experiments that because of major flaws cannot be evaluated ("Inadequate Study"). These categories of interpretative conclusions were first adopted in June 1983 and then revised in March 1986 for use in the Technical Reports series to incorporate more specifically the concept of actual weight of evidence of carcinogenic activity. For each separate experiment (male rats, female rats, male mice, female mice), one of the following quintet is selected to describe the findings. The categories refer to the strength of the experimental evidence and not to either potency or mechanism.

CE Clear Evidence of Carcinogenic Activity is demonstrated by studies that are interpreted as showing a dose-related (i) increase of malignant neoplasms, (ii) increase of a combination of malignant and benign neoplasms, or (iii) marked increase of benign neoplasms if there is an indication from this or other studies of the ability of such tumors to progress to malignancy.
SE Some Evidence of Carcinogenic Activity is demonstrated by studies that are interpreted as showing a chemically-related increased incidence of neoplasms (malignant, benign, or combined) in which the strength of the response is less than that required for clear evidence.
EE Equivocal Evidence of Carcinogenic Activity is demonstrated by studies that are interpreted as showing a marginal increase of neoplasms that may be chemically related.
NE No Evidence of Carcinogenic Activity is demonstrated by studies that are interpreted as showing no chemically-related increases in malignant or benign neoplasms.
IS Inadequate Study of Carcinogenic Activity is demonstrated by studies that because of major qualitative or quantitative limitations cannot be interpreted as valid for showing either the presence or absence of carcinogenic activity.

When a conclusion statement for a particular experiment is selected, consideration must be given to key factors that would extend the actual boundary of an individual category of evidence. This should allow for incorporation of scientific experience and current understanding of long-term carcinogenesis studies in laboratory animals, especially for those evaluations that may be on the borderline between two adjacent levels. These considerations should include:

- The adequacy of the experimental design and conduct;
- Occurrence of common versus uncommon neoplasia;
- Progression (or lack thereof) from benign to malignant neoplasia as well as from preneoplastic to neoplastic lesions;
- Some benign neoplasms have the capacity to regress but others (of the same morphologic type) progress. At present, it is impossible to identify the difference. Therefore, where progression is known to be a possibility, the most prudent course is to assume that benign neoplasms of those types have the potential to become malignant;
- Combining benign and malignant tumor incidences known or thought to represent stages of progression in the same organ or tissue;
- Latency in tumor induction;
- Multiplicity in site-specific neoplasia;
- Metastases;
- Supporting information from proliferative lesions (hyperplasia) in the same site of neoplasia or in other experiments (same lesion in another sex or species);
- The presence or absence of dose relationships;
- The statistical significance of the observed tumor increase;
- The concurrent control tumor incidence as well as the historical control rate and variability for a specific neoplasm;
- Survival-adjusted analyses and false positive or false negative concerns;
- Structure-activity correlations; and
- In some cases, genetic toxicology.

Earlier designations include:

P Positive E Equivocal N Negative

Alphabetical Index of Chemicals with Reference Location:

CHEMICAL NAME	CAS NUMBER	PAGE	REF
@ACESULFAME POTASSIUM (TRANSGENIC MODEL - EVALUATION II) (LISTED AS: TRANSGENIC MODEL EVALUATION II - (ACESULFAME POTASSIUM))	55589-62-3	21	5
ACETAMINOPHEN (4-HYDROXYACETANILIDE)	103-90-2	26	16
ACETOHEXAMIDE	968-81-0	27	16
ACETONE	67-64-1	25	16
ACETONITRILE	75-05-8	27	16
ACETONITRILE	75-05-8	36	*
2-ACETYLPYRIDINE	1122-62-9	19	2
ACROLEIN	107-02-8	23	12
ACRONYCINE	7008-42-6	27	16
@ACRYL BRILLIANT GREEN (LISTED AS: MALACHITE GREEN)	569-64-2	22	7
ACRYLONITRILE	107-13-1	23	11
ACTINOMYCIN D	50-76-0	35	17
AGAR	9002-18-0	27	16
AGARITINE	2757-90-6	35	17
@AIZEN MALACHITE GREEN (LISTED AS: MALACHITE GREEN)	569-64-2	22	7
ALDICARB	116-06-3	27	16
ALDRIN	309-00-2	27	16
ALLYL ACETATE	591-87-7	23	12
ALLYL ALCOHOL	107-18-6	23	12
ALLYL BROMIDE	106-95-6	20	5
ALLYL BROMIDE	106-95-6	20	5
ALLYL BROMIDE	106-95-6	20	5
ALLYL CHLORIDE	107-05-1	27	16
ALLYL GLYCIDYL ETHER	106-92-3	27	16
ALLYL ISOTHIOCYANATE	57-06-7	27	16
ALLYL ISOVALERATE	2835-39-4	27	16
ALPHA-HYDROXY ACIDS (GLYCOLIC ACID)	79-14-1	19	2
ALPHA-HYDROXY ACIDS (LACTIC ACID)	50-21-5	19	2
9-AMINOACRIDINE HYDROCHLORIDE	134-50-9	36	*
9-AMINOACRIDINE HYDROCHLORIDE	134-50-9	36	*
2-AMINOANTHRAQUINONE	117-79-3	27	16
1-AMINO-2,4-DIBROMOANTHRAQUINONE	81-49-2	27	16
3-AMINO-4-ETHOXYACETANILIDE	17026-81-2	27	16
3-AMINO-9-ETHYLCARBAZOLE HCL	6109-97-3	27	16
1-AMINO-2-METHYLANTHRAQUINONE	82-28-0	27	16
2-AMINO-4-NITROPHENOL	99-57-0	27	16
2-AMINO-5-NITROPHENOL	121-88-0	27	16
4-AMINO-2-NITROPHENOL	119-34-6	27	16
2-AMINO-5-NITROTHIAZOLE	121-66-4	27	16
2-(4-AMINOPHENYL)-6-METHYL-7- - BENZOTHIAZOLE SULFONIC ACID	130-17-6	36	*
11-AMINOUNDECANOIC ACID	2432-99-7	27	16
AMMONIUM MOLYBDATE	12027-67-7	19	2
DL-AMPHETAMINE SULFATE	60-13-9	27	16
AMPICILLIN TRIHYDRATE	7177-48-2	27	16
@AN (LISTED AS: ACRYLONITRILE)	107-13-1	23	11
ANDROSTENEDIONE	63-05-8	20	4
ANDROSTENEDIONE	63-05-8	20	4
ANILAZINE	101-05-3	27	16
@ANILINE GREEN (LISTED AS: MALACHITE GREEN)	569-64-2	22	7
ANILINE HYDROCHLORIDE	142-04-1	27	16
@P-ANISIDINE HYDROCHLORIDE (TRANSGENIC - MODEL EVALUATION) (LISTED AS: TRANSGENIC MODEL EVALUATION (P-ANISIDINE- HCL))	20265-97-8	23	12
O-ANISIDINE HYDROCHLORIDE	134-29-2	27	16
P-ANISIDINE HYDROCHLORIDE	20265-97-8	27	16
ANNATTO	1393-63-1	19	2
O-ANTHRANILIC ACID	118-92-3	27	16
ANTHRAQUINONE	84-65-1	24	14
ANTIMONY POTASSIUM TARTRATE	28300-74-5	25	16
AROCLOR 1254	11097-69-1	27	16
@AROTONOID (RETINOID PROJECT 6) (LISTED AS: RETINOID PROJECT 6 (AROTINOID))	125533-88-2	38	*
ARSENIC TRIOXIDE	1327-53-3	19	2
ARSINE	7784-42-1	36	*
ASBESTOS, AMOSITE	12172-73-5	27	16
ASBESTOS, AMOSITE	12172-73-5	27	16
ASBESTOS, AMOSITE + DIMETHYL HYDRAZINE	12172-73-5	27	16
ASBESTOS, CHRYSOTILE(IR)	12001-29-5	27	16
ASBESTOS, CHRYSOTILE(IR)	12001-29-5	27	16
ASBESTOS, CHRYSOTILE(IR)	12001-29-5	27	16
ASBESTOS, CHRYSOTILE(IR) + DIMETHYL - HYDRAZINE	12001-29-5	27	16
ASBESTOS, CHRYSOTILE(IR) + DIMETHYL - HYDRAZINE	12001-29-5	27	16
ASBESTOS, CHRYSOTILE(SR)	12001-29-5	27	16
ASBESTOS, CHRYSOTILE(SR)	12001-29-5	27	16
ASBESTOS, CROCIDOLITE	12001-28-4	27	16
ASBESTOS FIBERS	ASBESTOSFIB	19	2
ASBESTOS, TREMOLITE	14567-73-8	27	16
L-ASCORBIC ACID	50-81-7	27	16
@ASPARTAME (TRANSGENIC MODEL EVALUATION - II) (LISTED AS: TRANSGENIC MODEL EVALUATION II - (ASPARTAME))	22839-47-0	21	5
@ASPARTAME (TRANSGENIC MODEL EVALUATION - II) (LISTED AS: TRANSGENIC MODEL EVALUATION II - (ASPARTAME))	22839-47-0	21	5
ASPHALT FUMES	8052-42-4	19	2
ASPIRIN, PHENACETIN, AND CAFFEINE	8003-03-0	27	16
5-AZACYTIDINE	320-67-2	27	16
AZATHIOPRINE	446-86-6	35	17
3'-AZIDO-3'-DEOXYTHYMIDINE (AIDS - INITIATIVE)	30516-87-1	27	16
3'-AZIDO-3'-DEOXYTHYMIDINE/2',3'- DIDEOXYCYTIDINE	AZTDDCCOMB	36	*
@3'-AZIDO-3'-DEOXYTHYMIDINE/2',3'- DIDEOXYCYTIDINE (AIDS INITIATIVE) (LISTED AS: 3'-AZIDO-3'-DEOXYTHYMIDINE/2',3'- - DIDEOXYCYTIDINE)	AZTDDCCOMB	36	*
3'-AZIDO-3'-DEOXYTHYMIDINE + 2',3'- DIDEOXYINOSINE (AIDS INITIATIVE)	AZTDDICOMB	36	*
AZINPHOSMETHYL	86-50-0	27	16
AZOBENZENE	103-33-3	27	16
AZODICARBONAMIDE	123-77-3	36	*
@AZT (AIDS INITIATIVE) (LISTED AS: 3'-AZIDO-3'-DEOXYTHYMIDINE (AIDS - INITIATIVE))	30516-87-1	27	16
@AZT + DDI (AIDS INITIATIVE) (LISTED AS: 3'-AZIDO-3'-DEOXYTHYMIDINE + 2',3'- - DIDEOXYINOSINE (AIDS INITIATIVE))	AZTDDICOMB	36	*
AZT + ISONIAZID (AIDS INITIATIVE)	AZTISONIAZID	36	*
AZT + METHADONE HCL (AIDS)	AZTMETHCOMB	23	12
AZT + PYRAZINAMIDE COMBINATION (AIDS - INITIATIVE)	AZTZINAMIDE	36	*
AZT + RIFAMPIN (AIDS INITIATIVE)	AZTRIFAMPIN	36	*
AZT + TMP/SMX (MIXTURE) COMBINATION	AZTTMPSMX	21	6
AZT + TMP/SMX (MIXTURE) COMBINATION	AZTTMPSMX	36	*
AZT TRANSPLACENTAL CARCINOGENESIS STUDY	30516-87-1	22	7
BARIUM CHLORIDE DIHYDRATE	10326-27-9	27	16
BARIUM CHLORIDE DIHYDRATE	10326-27-9	36	*
@BCNU (LISTED AS: 1,3-BIS(CHLOROETHYL)-1-NITROSOUREA)	154-93-8	35	17
BENTONITE	1302-78-9	19	2
BENZALDEHYDE	100-52-7	27	16
@BENZALDEHYDE GREEN (LISTED AS: MALACHITE GREEN)	569-64-2	22	7
BENZENE	71-43-2	27	16
@BENZENE (TRANSGENIC MODEL EVALUAITON II) (LISTED AS: TRANSGENIC MODEL EVALUATION II (BENZENE))	71-43-2	21	5
BENZETHONIUM CHLORIDE	121-54-0	27	16
BENZETHONIUM CHLORIDE	121-54-0	36	*
BENZIDINE DIHYDROCHLORIDE	531-85-1	36	*
5,6-BENZOFLAVONE	6051-87-2	19	2
BENZOFURAN	271-89-6	27	16
BENZOIN	119-53-9	27	16
BENZONITRILE	100-47-0	36	*
BENZOPHENONE	119-61-9	22	7
BENZOPHENONE	119-61-9	24	14

@ Denotes common names--see following line for correct name.

* See Appendix, Prechronic Studies for Which Toxicity Technical Reports were not Prepared

Alphabetical Index of Chemicals with Reference Location:

CHEMICAL NAME	CAS NUMBER	PAGE	REF
P-BENZOQUINONE DIOXIME	105-11-3	27	16
1,2,3-BENZOTRIAZOLE	95-14-7	27	16
@BENZOYL PEROXIDE	INIT/PROM	31	16
(LISTED AS: INIT/PROM COMPARATIVE MOUSE STUDY (DMBA/TPA/BPO/MNNG))	-		
@BENZOYL PEROXIDE	INIT/PROM	31	16
(LISTED AS: INIT/PROM COMPARATIVE MOUSE STUDY (DMBA/TPA/BPO/MNNG))	-		
@BENZOYL PEROXIDE	INIT/PROM	31	16
(LISTED AS: INIT/PROM COMPARATIVE MOUSE STUDY (DMBA/TPA/BPO/MNNG))	-		
BENZYL ACETATE	140-11-4	27	16
BENZYL ACETATE	140-11-4	27	16
BENZYL ALCOHOL	100-51-6	27	16
BENZYL CHLORIDE	100-44-7	35	17
O-BENZYL-P-CHLOROPHENOL	120-32-1	27	16
O-BENZYL-P-CHLOROPHENOL	120-32-1	27	16
O-BENZYL-P-CHLOROPHENOL	120-32-1	36	*
BENZYLTRIMETHYL AMMONIUM CHLORIDE	56-93-9	25	16
BENZYLTRIMETHYL AMMONIUM CHLORIDE	56-93-9	36	*
BENZYLTRIMETHYL AMMONIUM CHLORIDE	56-93-9	36	*
@BINARY MIXTURE (TOXIC EQUIVALENCY FACTOR EVALUATION)	TEFBINARYMIX	22	7
(LISTED AS: TOXIC EQUIVALENCY FACTOR EVALUATION (BINARY MIXTURE))	-		
2-BIPHENYLAMINE HYDROCHLORIDE	2185-92-4	27	16
2,2-BIS(BROMOMETHYL)-1,3-PROPANEDIOL	3296-90-0	27	16
2,2-BIS(BROMOMETHYL)-1,3-PROPANEDIOL	3296-90-0	36	*
2,2-BIS(BROMOMETHYL)-1,3-PROPANEDIOL	3296-90-0	36	*
1,3-BIS(CHLOROETHYL)-1-NITROSOUREA	154-93-8	35	17
BIS(2-CHLORO-1-METHYLETHYL) ETHER	108-60-1	27	16
BIS(2-CHLORO-1-METHYLETHYL) ETHER	108-60-1	27	16
BISPHENOL A	80-05-7	27	16
@BLACK 38, C.I. ACID	1937-37-7	25	16
(LISTED AS: C.I. DIRECT BLACK 38)			
@BLACK CLOUD MINE ORE (COLORADO)	LEADORES	37	*
(LISTED AS: LEAD ORES)			
BLACK NEWSPRINT INK	EMTDP-75	25	16
@BLUE 15, C.I. DIRECT	2429-74-5	28	16
(LISTED AS: C.I. DIRECT BLUE 15)			
@BLUE 218, C.I. DIRECT	28407-37-6	28	16
(LISTED AS: C.I. DIRECT BLUE 218)			
@BLUE 218, C.I. DIRECT	28407-37-6	36	*
(LISTED AS: C.I. DIRECT BLUE 218)			
@BLUE 6, C.I. DIRECT	2602-46-2	25	16
(LISTED AS: C.I. DIRECT BLUE 6)			
@BLUE 6, C.I. DIRECT	2602-46-2	36	*
(LISTED AS: C.I. DIRECT BLUE 6)			
@BLUE 1, HC	2784-94-3	30	16
(LISTED AS: HC BLUE 1)			
@BLUE 2, HC	33229-34-4	30	16
(LISTED AS: HC BLUE 2)			
BORIC ACID	10043-35-3	28	16
BROMOBENZENE	108-86-1	36	*
BROMOBENZENE	108-86-1	36	*
@BROMOCHLOROACETIC ACID (WATER DISINFECTION BYPRODUCTS)	5589-96-8	21	5
(LISTED AS: WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID))	-		
BROMODICHLOROMETHANE	75-27-4	28	16
@BROMODICHLOROMETHANE (TRANSGENIC MODEL EVALUATION)	75-27-4	38	*
(LISTED AS: TRANSGENIC MODEL EVALUATION (BROMODICHLOROMETHANE))	-		
@BROMODICHLOROMETHANE (TRANSGENIC MODEL EVALUATION)	75-27-4	38	*
(LISTED AS: TRANSGENIC MODEL EVALUATION (BROMODICHLOROMETHANE))	-		
@BROMODICHLOROMETHANE (WATER DISINFECTION MODEL)	75-27-4	21	5
(LISTED AS: WATER DISINFECTION MODEL (BROMODICHLOROMETHANE))	-		
@BROMODICHLOROMETHANE (WATER DISINFECTION MODEL)	75-27-4	21	5
(LISTED AS: WATER DISINFECTION MODEL (BROMODICHLOROMETHANE))	-		
@BROMODICHLOROMETHANE (WATER DISINFECTION MODEL)	75-27-4	21	5
(LISTED AS: WATER DISINFECTION MODEL (BROMODICHLOROMETHANE))	-		
@BROMODICHLOROMETHANE (WATER DISINFECTION MODEL)	75-27-4	21	5
(LISTED AS: WATER DISINFECTION MODEL (BROMODICHLOROMETHANE))	-		
@BROMODICHLOROMETHANE (WATER DISINFECTION MODEL)	75-27-4	21	5
(LISTED AS: WATER DISINFECTION MODEL (BROMODICHLOROMETHANE))	-		
BROMOETHANE (ETHYL BROMIDE)	74-96-4	28	16
@BROMOFORM	75-25-2	34	16
(LISTED AS: TRIBROMOMETHANE)			
BETA-BROMO-BETA-NITROSTYRENE	7166-19-0	25	16
1-BROMOPROPANE	106-94-5	19	2
2-BROMOPROPANE	75-26-3	19	2
@BROWN 95, C.I. DIRECT	16071-86-6	25	16
(LISTED AS: C.I. DIRECT BROWN 95)			
1,3-BUTADIENE	106-99-0	28	16
1,3-BUTADIENE	106-99-0	28	16
1,3-BUTADIENE	106-99-0	36	*
BUTANAL OXIME	110-69-0	23	12
1,4-BUTANEDIOL	110-63-4	25	16
2,3-BUTANEDIONE	431-03-8	19	2
@TERT-BUTANOL	75-65-0	25	16
(LISTED AS: TERT-BUTYL ALCOHOL)			
@TERT-BUTANOL	75-65-0	28	16
(LISTED AS: TERT-BUTYL ALCOHOL)			
@BUTANONE OXIME	96-29-7	26	16
(LISTED AS: METHYL ETHYL KETOXIME)			
@BUTOXYETHONOL	111-76-2	25	16
(LISTED AS: 2-BUTOXYETHANOL (ETHYLENE GLYCOL MONOBUTYL ETHER))	-		
@BUTOXYETHONOL	111-76-2	25	16
(LISTED AS: 2-BUTOXYETHANOL (ETHYLENE GLYCOL MONOBUTYL ETHER))	-		
@BUTOXYETHONOL	111-76-2	28	16
(LISTED AS: 2-BUTOXYETHANOL (ETHYLENE GLYCOL MONOBUTYL ETHER))	-		
@BUTOXYETHANOL	DIET88+EGMBE	37	*
(LISTED AS: NTP-88 DIET STUDY (EGMBE))			
2-BUTOXYETHANOL (ETHYLENE GLYCOL MONOBUTYL ETHER)	111-76-2	25	16
2-BUTOXYETHANOL (ETHYLENE GLYCOL MONOBUTYL ETHER)	111-76-2	25	16
2-BUTOXYETHANOL (ETHYLENE GLYCOL MONOBUTYL ETHER)	111-76-2	28	16
TERT-BUTYL ALCOHOL	75-65-0	25	16
TERT-BUTYL ALCOHOL	75-65-0	28	16
BUTYLATED HYDROXYTOLUENE	128-37-0	28	16
BUTYL BENZYL PHTHALATE	85-68-7	28	16
BUTYL BENZYL PHTHALATE	85-68-7	28	16
BUTYL BENZYL PHTHALATE	85-68-7	36	*
P-TERT-BUTYLCATECHOL	98-29-3	21	6
P-TERT-BUTYLCATECHOL	98-29-3	23	12
N-BUTYL CHLORIDE	109-69-3	28	16
T-BUTYLHYDROQUINONE	1948-33-0	28	16
TERT-BUTYL PERBENZOATE	614-45-9	25	16
2-BUTYNE-1,4-DIOL	110-65-6	19	2
BUTYRALDEHYDE	123-72-8	36	*
GAMMA-BUTYROLACTONE	96-48-0	28	16
CADMIUM OXIDE	1306-19-0	25	16
CADMIUM OXIDE	1306-19-0	25	16
CAFFEINE	58-08-2	36	*
CALCIUM CYANAMIDE	156-62-7	28	16
DL-CAMPHOR	76-22-2	23	12
CAPROLACTAM	105-60-2	28	16
CAPTAN	133-06-2	28	16

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* See Appendix, Prechronic Studies for Which Toxicity Technical Reports were not Prepared

Alphabetical Index of Chemicals with Reference Location:

CHEMICAL NAME	CAS NUMBER	PAGE	REF
CARBON DISULFIDE	75-15-0	36	*
CARBON DISULFIDE	75-15-0	36	*
CARBON DISULFIDE	75-15-0	36	*
CARBONYL SULFIDE	463-58-1	19	3
CARBROMAL	77-65-6	28	16
CARISOPRODOL	78-44-4	24	14
CARISOPRODOL	78-44-4	36	*
CARISOPRODOL	78-44-4	36	*
D-CARVONE	2244-16-8	28	16
CASTOR OIL	8001-79-4	25	16
CELLULOSE INSULATION	CELLULOSEINS	19	2
CHEMICAL MIXTURE - DRINKING WATER CONTAMINANTS -	CHEMMIXH2O	25	16
CHLORAL HYDRATE	302-17-0	24	14
CHLORAL HYDRATE	302-17-0	24	14
CHLORAL HYDRATE	302-17-0	25	16
CHLORAMBEN	133-90-4	28	16
CHLORAMBUCIL	305-03-3	35	17
CHLORAMINATED WATER	CHLORAMINEMX	28	16
CHLORAMPHENICOL SODIUM SUCCINATE	982-57-0	36	*
CHLORDANE (ANALYTICAL GRADE)	57-74-9	28	16
CHLORDECONE (KEPONE)	143-50-0	28	16
CHLORENDIC ACID	115-28-6	28	16
CHLORINATED PARAFFINS: C12, 60% CHLORINE	108171-26-2	28	16
CHLORINATED PARAFFINS: C23, 43% CHLORINE	108171-27-3	28	16
CHLORINATED TRISODIUM PHOSPHATE	56802-99-4	28	16
CHLORINATED WATER	CHLORWATERMX	28	16
@CHLORINE/SODIUM HYPOCHLORITE (LISTED AS: CHLORINATED WATER)	CHLORWATERMX	28	16
2-CHLOROACETOPHENONE (CN)	532-27-4	28	16
4-(CHLOROACETYL)ACETANILIDE	140-49-8	28	16
M-CHLOROANILINE	108-42-9	25	16
O-CHLOROANILINE	95-51-2	25	16
P-CHLOROANILINE	106-47-8	28	16
P-CHLOROANILINE HYDROCHLORIDE	20265-96-7	28	16
O-CHLOROBENZALMALONONITRILE (CS)	2698-41-1	28	16
CHLOROBENZENE	108-90-7	28	16
CHLOROBENZILATE	510-15-6	28	16
CHLORODIBROMOMETHANE	124-48-1	28	16
3-CHLORO-4-(DICHLOROMETHYL)-5-HYDROXY-2-(5H)-FURANONE(MX)	77439-76-0	20	5
CHLOROETHANE	75-00-3	28	16
2-CHLOROETHANOL (ETHYLENE CHLOROHYDRIN)	107-07-3	28	16
BIS(2-CHLOROETHOXY)METHANE	111-91-1	20	3
2-CHLOROETHYLTRIMETHYLAMMONIUM CHLORIDE	999-81-5	28	16
CHLOROFORM	67-66-3	28	16
3-CHLORO-2-METHYLPROPENE	563-47-3	28	16
2-CHLOROMETHYLPYRIDINE HYDROCHLORIDE	6959-47-3	28	16
3-CHLOROMETHYLPYRIDINE HYDROCHLORIDE	6959-48-4	28	16
4-CHLORO-2-NITROANILINE	89-63-4	36	*
2-CHLORONITROBENZENE	88-73-3	25	16
4-CHLORONITROBENZENE	100-00-5	25	16
4-CHLORO-M-PHENYLENEDIAMINE	5131-60-2	28	16
4-CHLORO-O-PHENYLENEDIAMINE	95-83-0	28	16
2-CHLORO-P-PHENYLENEDIAMINE SULFATE	61702-44-1	28	16
CHLOROPICRIN	76-06-2	28	16
CHLOROPRENE	126-99-8	28	16
CHLOROPRENE	126-99-8	36	*
CHLOROPRENE	126-99-8	36	*
CHLOROPRENE	126-99-8	36	*
1-CHLORO-2-PROPANOL, TECHNICAL	127-00-4	28	16
1-CHLORO-2-PROPANOL, TECHNICAL	127-00-4	36	*
1-CHLORO-2-PROPANOL, TECHNICAL	127-00-4	36	*
@1-CHLORO-2-PROPANOL, TECHNICAL (TRANSGENIC LECM) (LISTED AS: TRANSGENIC LECM (1-CHLORO-2-PROPANOL, TECHNICAL)) -	127-00-4	38	*
@1-CHLORO-2-PROPANOL, TECHNICAL (TRANSGENIC LECM) (LISTED AS: TRANSGENIC LECM (1-CHLORO-2-PROPANOL, TECHNICAL)) -	127-00-4	38	*
O-CHLOROPYRIDINE	109-09-1	20	4
CHLOROTHALONIL	1897-45-6	28	16
3-CHLORO-P-TOLUIDINE	95-74-9	28	16
5-CHLORO-O-TOLUIDINE	95-79-4	28	16
4-CHLORO-O-TOLUIDINE HYDROCHLORIDE	3165-93-3	28	16
P-CHLORO-A,A,A-TRIFLUOROTOLUENE	98-56-6	25	16
P-CHLORO-A,A,A-TRIFLUOROTOLUENE	98-56-6	25	16
@CHLOROWAX 40 (LISTED AS: CHLORINATED PARAFFINS: C23, 43% CHLORINE)	108171-27-3	28	16
@CHLOROWAX 500C (LISTED AS: CHLORINATED PARAFFINS: C12, 60% CHLORINE)	108171-26-2	28	16
CHLORPHENIRAMINE MALEATE	113-92-8	28	16
CHLORPROPAMIDE	94-20-2	28	16
CHROMIUM PICOLINATE	14639-25-9	19	2
@CHRYSOTILE ASBESTOS (LISTED AS: ASBESTOS, CHRYSOTILE(IR) + DIMETHYL HYDRAZINE) -	12001-29-5	27	16
@CHRYSOTILE ASBESTOS (LISTED AS: ASBESTOS, CHRYSOTILE(IR) + DIMETHYL HYDRAZINE) -	12001-29-5	27	16
C.I. ACID ORANGE 3	6373-74-6	28	16
C.I. ACID ORANGE 10	1936-15-8	28	16
C.I. ACID RED 14	3567-69-9	28	16
C.I. ACID RED 114	6459-94-5	28	16
@C.I. BASIC GREEN 4 (LISTED AS: MALACHITE GREEN)	569-64-2	22	7
C.I. BASIC RED 9 MONOHYDROCHLORIDE	569-61-9	28	16
C.I. DIRECT BLACK 38	1937-37-7	25	16
C.I. DIRECT BLUE 6	2602-46-2	25	16
C.I. DIRECT BLUE 6	2602-46-2	36	*
C.I. DIRECT BLUE 15	2429-74-5	28	16
C.I. DIRECT BLUE 218	28407-37-6	28	16
C.I. DIRECT BLUE 218	28407-37-6	36	*
C.I. DIRECT BROWN 95	16071-86-6	25	16
C.I. DISPERSE BLUE 1	2475-45-8	28	16
C.I. DISPERSE YELLOW 3	2832-40-8	28	16
C.I. PIGMENT RED 3	2425-85-6	28	16
C.I. PIGMENT RED 23	6471-49-4	29	16
C.I. SOLVENT YELLOW 14	842-07-9	29	16
C.I. VAT YELLOW 4	128-66-5	29	16
@C.I. BASIC RED 1 (LISTED AS: RHODAMINE 6G)	989-38-8	33	16
1,8-CINEOL	470-82-6	36	*
1,8-CINEOL	470-82-6	36	*
CINNAMALDEHYDE	104-55-2	36	*
TRANS-CINNAMALDEHYDE	14371-10-9	22	10
TRANS-CINNAMALDEHYDE	14371-10-9	36	*
CINNAMYL ANTHRANILATE	87-29-6	29	16
CITRAL	5392-40-5	24	13
CITRAL	5392-40-5	36	*
CITRAL	5392-40-5	36	*
CLONITRALID	1420-04-8	29	16
@CN (LISTED AS: 2-CHLOROACETOPHENONE (CN))	532-27-4	28	16
COBALT SULFATE HEPTAHYDRATE	10026-24-1	25	16
COBALT SULFATE HEPTAHYDRATE	10026-24-1	29	16
COCONUT OIL ACID DIETHANOLAMINE CONDENSATE -	68603-42-9	24	14
@COCONUT OIL ACID/DIETHANOLAMINE CONDENSATE -	68603-42-9	24	14
@COCONUT OIL ACID DIETHANOLAMINE CONDENSATE (TRANSGENIC LECM) (LISTED AS: TRANSGENIC LECM (COCONUT OIL ACID DIETHANOLAMINE CONDENSATE)) -	68603-42-9	38	*
@COCONUT OIL ACID DIETHANOLAMINE CONDENSATE (TRANSGENIC LECM) (LISTED AS: TRANSGENIC LECM (COCONUT OIL ACID DIETHANOLAMINE CONDENSATE)) -	68603-42-9	38	*
CODEINE	76-57-3	29	16
CODEINE	76-57-3	36	*
COMFREY + SYMPHYTINE MIXTURE	COMFREYMIX	19	2
@COPPER SULFATE (LISTED AS: CUPRIC SULFATE)	7758-99-8	25	16
@COPPER SULFATE (LISTED AS: CUPRIC SULFATE)	7758-99-8	25	16

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CORN OIL	8001-30-7	29	16
COUMAPHOS	56-72-4	29	16
COUMARIN	91-64-5	29	16
COUMARIN	91-64-5	36	*
M-CRESIDINE	102-50-1	29	16
P-CRESIDINE	120-71-8	29	16
P-CRESIDINE	120-71-8	36	*
CRESOL (MIXED ISOMERS)	1319-77-3	25	16
M-CRESOL	108-39-4	25	16
O-CRESOL	95-48-7	25	16
P-CRESOL	106-44-5	25	16
@CROCIDOLITE ASBESTOS	12001-28-4	27	16
(LISTED AS: ASBESTOS, CROCIDOLITE)			
CROTONALDEHYDE	4170-30-3	36	*
@CS	2698-41-1	28	16
(LISTED AS: O-CHLOROBENZALMALONONITRILE (CS))			
CUMENE	98-82-8	20	5
CUMENE HYDROPEROXIDE	80-15-9	19	2
CUPFERRON	135-20-6	29	16
CUPRIC SULFATE	7758-99-8	25	16
CUPRIC SULFATE	7758-99-8	25	16
@CURCUMIN (PREVENTION 4)	458-37-7	21	5
(LISTED AS: PREVENTION 4 (CURCUMIN))			
CYANOGEN CHLORIDE	506-77-4	19	2
2-CYCLOHEXEN-1-ONE	930-68-7	36	*
CYCLOHEXANONE	108-94-1	35	17
CYCLOHEXANONE OXIME	100-64-1	25	16
CYCLOHEXENE OXIDE	286-20-4	36	*
CYCLOHEXENE OXIDE	286-20-4	36	*
CYCLOHEXENE OXIDE	286-20-4	36	*
CYCLOPHOSPHAMIDE	50-18-0	35	17
@CYCLOPHOSPHAMIDE MONOHYDRATE (TRANSENIC- MODEL EVALUATION)	6055-19-2	21	6
(LISTED AS: TRANSGENIC MODEL EVALUATION - (CYCLOPHOSPHAMIDE MONOHYDRATE))			
@CYCLOPHOSPHAMIDE MONOHYDRATE (TRANSENIC- MODEL EVALUATION)	6055-19-2	21	6
(LISTED AS: TRANSGENIC MODEL EVALUATION - (CYCLOPHOSPHAMIDE MONOHYDRATE))			
@CYCLOSPORIN A (TRANSGENIC MODEL - EVALUATION)	59865-13-3	23	12
(LISTED AS: TRANSGENIC MODEL EVALUATION (CYCLOSPORIN- A))			
@CYCLOSPORIN A (TRANSGENIC MODEL - EVALUATION)	59865-13-3	23	12
(LISTED AS: TRANSGENIC MODEL EVALUATION (CYCLOSPORIN- A))			
CYTARABINE	147-94-4	35	17
CYTEMBENA	21739-91-3	29	16
CYTOXAL ALCOHOL	4465-94-5	35	17
@2,4-D (PEROXISOME PROJECT)	94-75-7	23	12
(LISTED AS: PEROXISOME PROJECT (2,4- - DICHLOROPHENOXYACETIC ACID))			
DACARBAZINE	4342-03-4	35	17
DAMINOZIDE	1596-84-5	29	16
@DAPSONE	80-08-0	33	16
(LISTED AS: 4,4'-SULFONYLDIANILINE (DAPSONE))			
DAUNOMYCIN	20830-81-3	35	17
@DBCP	96-12-8	29	16
(LISTED AS: 1,2-DIBROMO-3-CHLOROPROPANE)			
@DBCP	96-12-8	29	16
(LISTED AS: 1,2-DIBROMO-3-CHLOROPROPANE)			
D & C RED NO. 9	5160-02-1	29	16
D & C YELLOW NO. 11	8003-22-3	25	16
D & C YELLOW NO. 11	8003-22-3	29	16
@DDC (AIDS INITIATIVE)	7481-89-2	23	12
(LISTED AS: 2',3'-DIDEOXYCYTIDINE)			
@DDC (AIDS INITIATIVE)	7481-89-2	23	12
(LISTED AS: 2',3'-DIDEOXYCYTIDINE)			
@DDC (AIDS INITIATIVE)	7481-89-2	36	*
(LISTED AS: 2',3'-DIDEOXYCYTIDINE)			
O,P'-DDD	53-19-0	35	17
@DDI (AIDS INITIATIVE)	69655-05-6	36	*
(LISTED AS: 2',3'-DIDEOXYINOSINE (AIDS INITIATIVE))			
@DDT	50-29-3	29	16
(LISTED AS: DICHLORODIPHENYLTRICHLOROETHANE (DDT))			
@DDVP	62-73-7	29	16
(LISTED AS: DICHLORVOS)			
@DDVP	62-73-7	29	16
(LISTED AS: DICHLORVOS)			
DECABROMODIPHENYL OXIDE	1163-19-5	29	16
2,4-DECADIENAL	25152-84-5	23	12
2,4-DECADIENAL	25152-84-5	36	*
DECALIN	91-17-8	22	8
@DEHP	117-81-7	29	16
(LISTED AS: DI(2-ETHYLHEXYL) PHTHALATE)			
@DES (TRANSGENIC MODEL EVALUATION)	56-53-1	21	5
(LISTED AS: TRANSGENIC MODEL EVALUATION (DES))			
@DES (TRANSGENIC MODEL EVALUATION)	56-53-1	21	6
(LISTED AS: TRANSGENIC MODEL EVALUATION (DES))			
@DES (TRANSGENIC MODEL EVALUATION)	56-53-1	23	12
(LISTED AS: TRANSGENIC MODEL EVALUATION (DES))			
@DES (TRANSGENIC MODEL EVALUATION)	56-53-1	23	12
(LISTED AS: TRANSGENIC MODEL EVALUATION (DES))			
@DGRE	101-90-6	29	16
(LISTED AS: DIGLYCIDYL RESORCINOL ETHER (DGRE))			
@DHPT	92-36-4	37	*
(LISTED AS: 4-(6-METHYL-2-BENZOTHIAZOLYL)- - BENZENAMINE)			
@DIACETYL	431-03-8	19	2
(LISTED AS: 2,3-BUTANEDIONE)			
DIALLYL PHTHALATE	131-17-9	29	16
DIALLYL PHTHALATE	131-17-9	29	16
4,4'-DIAMINO-2,2'-STILBENEDISULFONIC - ACID, DISODIUM SALT	7336-20-1	29	16
2,4-DIAMINOANISOLE SULFATE	39156-41-7	29	16
2,4-DIAMINOPHENOL DIHYDROCHLORIDE	137-09-7	29	16
2,4-DIAMINOTOLUENE (2,4-TOLUENE DIAMINE)	95-80-7	29	16
@2,6-DIAMINOTOLUENE HCL (TRANSGENIC - MODEL EVALUATION)	15481-70-6	24	12
(LISTED AS: TRANSGENIC MODEL EVALUATION (2,6- - DIAMINOTOLUENE HCL))			
@2,6-DIAMINOTOLUENE HCL (TRANSGENIC - MODEL EVALUATION)	15481-70-6	24	12
(LISTED AS: TRANSGENIC MODEL EVALUATION (2,6- - DIAMINOTOLUENE HCL))			
@2,4-DIAMINOTOLUENE (TRANSGENIC MODEL - EVALUATION)	95-80-7	23	12
(LISTED AS: TRANSGENIC MODEL EVALUATION (2,4- - DIAMINOTOLUENE))			
@2,4-DIAMINOTOLUENE (TRANSGENIC MODEL - EVALUATION)	95-80-7	23	12
(LISTED AS: TRANSGENIC MODEL EVALUATION (2,4- - DIAMINOTOLUENE))			
DIARYLANILIDE YELLOW	6358-85-6	29	16
DIAZINON	333-41-5	29	16
DIAZOAMINOBENZENE	136-35-6	21	6
DIBENZO-P-DIOXIN	262-12-4	29	16
@DIBROMOACETIC ACID (WATER DISINFECTION - BYPRODUCTS)	631-64-1	22	7
(LISTED AS: WATER DISINFECTION BYPRODUCTS - (DIBROMOACETIC ACID))			
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	29	16
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	29	16
@DIBROMODICYANOBUTANE	35691-65-7	20	5
(LISTED AS: 1,2-DIBROMO-2,4-DICYANOBUTANE)			
@DIBROMODICYANOBUTANE	35691-65-7	36	*
(LISTED AS: 1,2-DIBROMO-2,4-DICYANOBUTANE)			
@DIBROMODICYANOBUTANE	35691-65-7	36	*
(LISTED AS: 1,2-DIBROMO-2,4-DICYANOBUTANE)			
1,2-DIBROMO-2,4-DICYANOBUTANE	35691-65-7	20	5
1,2-DIBROMO-2,4-DICYANOBUTANE	35691-65-7	36	*
1,2-DIBROMO-2,4-DICYANOBUTANE	35691-65-7	36	*
DIBROMODULCITOL	10318-26-0	35	17
1,2-DIBROMOETHANE	106-93-4	29	16
1,2-DIBROMOETHANE	106-93-4	29	16
DIBROMOMANNITOL	488-41-5	35	17
2,3-DIBROMO-1-PROPANOL	96-13-9	29	16

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Alphabetical Index of Chemicals with Reference Location:

CHEMICAL NAME	CAS NUMBER	PAGE	REF
DIBUTYL PHTHALATE	84-74-2	25	16
DIBUTYL PHTHALATE	84-74-2	25	16
@DIBUTYL PHTHALATE (PEROXISOME PROJECT)	84-74-2	23	12
(LISTED AS: PEROXISOME PROJECT (DIBUTYL PHTHALATE))			
DIBUTYLTIN DIACETATE	1067-33-0	29	16
@DICHLOROACETIC ACID (WATER DISINFECTION- BYPRODUCTS)	79-43-6	21	5
(LISTED AS: WATER DISINFECTION BYPRODUCTS - (DICHLOROACETIC ACID))			
@DICHLOROACETIC ACID (WATER DISINFECTION- MODEL)	79-43-6	21	5
(LISTED AS: WATER DISINFECTION MODEL (DICHLOROACETIC- ACID))			
@DICHLOROACETIC ACID (WATER DISINFECTION- MODEL)	79-43-6	21	5
(LISTED AS: WATER DISINFECTION MODEL (DICHLOROACETIC- ACID))			
@DICHLOROACETIC ACID (WATER DISINFECTION- MODEL)	79-43-6	21	5
(LISTED AS: WATER DISINFECTION MODEL (DICHLOROACETIC- ACID))			
1,2-DICHLOROBENZENE (O-DICHLOROBENZENE)	95-50-1	29	16
1,4-DICHLOROBENZENE (P-DICHLOROBENZENE)	106-46-7	29	16
5,6-DICHLORO-2-BENZOTHIAZOLAMINE	24072-75-1	36	*
1,3-DICHLORO-2-BUTENE	926-57-8	19	2
2,7-DICHLORODIBENZO-P-DIOXIN	33857-26-0	29	16
@1,2-DICHLORO-1,1-DIFLUOROETHANE - (HALOGENATED ETHANES CS)	1649-08-7	26	16
(LISTED AS: HALOGENATED ETHANES CS (1,2-DICHLORO-1, - 1-DIFLUOROETHANE))			
P,P'-DICHLORODIPHENOLDICHLOROETHYLENE	72-55-9	29	16
P,P'-DICHLORODIPHENYL SULFONE	80-07-9	24	14
P,P'-DICHLORODIPHENYL SULFONE	80-07-9	36	*
DICHLORODIPHENYLTRICHLOROETHANE (DDT)	50-29-3	29	16
1,1-DICHLOROETHANE	75-34-3	29	16
1,2-DICHLOROETHANE	107-06-2	26	16
1,2-DICHLOROETHANE	107-06-2	26	16
1,2-DICHLOROETHANE	107-06-2	26	16
1,2-DICHLOROETHANE	107-06-2	29	16
@DICHLOROETHYLENE,1,1	75-35-4	34	16
(LISTED AS: VINYLIDENE CHLORIDE)			
CIS & TRANS 1,2-DICHLOROETHYLENE	540-59-0	36	*
CIS-1,2-DICHLOROETHYLENE	156-59-2	36	*
TRANS-1,2-DICHLOROETHYLENE	156-60-5	23	12
TRANS-1,2-DICHLOROETHYLENE	156-60-5	36	*
TRANS-1,2-DICHLOROETHYLENE	156-60-5	36	*
@DICHLOROMETHANE	75-09-2	31	16
(LISTED AS: METHYLENE CHLORIDE)			
DICHLOROMETHOTREXATE	528-74-5	35	17
2,4-DICHLOROPHENOL	120-83-2	29	16
2,6-DICHLORO-P-PHENYLENEDIAMINE	609-20-1	29	16
1,2-DICHLOROPROPANE (PROPYLENE - DICHLORIDE)	78-87-5	29	16
1,3-DICHLOROPROPENE (TELONE II)	542-75-6	29	16
2,3-DICHLOROPROPYLENE	78-88-6	36	*
DICHLORVOS	62-73-7	29	16
DICHLORVOS	62-73-7	29	16
DICOFOL	115-32-2	29	16
DICYCLOHEXYLCARBODIIMIDE	538-75-0	21	6
DICYCLOHEXYLCARBODIIMIDE	538-75-0	23	12
DICYCLOHEXYLCARBODIIMIDE	538-75-0	23	12
N,N'-DICYCLOHEXYLTHIOUREA	1212-29-9	29	16
2',3'-DIDEOXYCYTIDINE	7481-89-2	23	12
2',3'-DIDEOXYCYTIDINE	7481-89-2	23	12
2',3'-DIDEOXYCYTIDINE	7481-89-2	36	*
@2',3'-DIDEOXYCYTIDINE (AIDS INITIATIVE)	7481-89-2	23	12
(LISTED AS: 2',3'-DIDEOXYCYTIDINE)			
@2',3'-DIDEOXYCYTIDINE (AIDS INITIATIVE)	7481-89-2	23	12
(LISTED AS: 2',3'-DIDEOXYCYTIDINE)			
@2',3'-DIDEOXYCYTIDINE (AIDS INITIATIVE)	7481-89-2	36	*
(LISTED AS: 2',3'-DIDEOXYCYTIDINE)			
2',3'-DIDEOXYINOSINE (AIDS INITIATIVE)	69655-05-6	36	*
DIELDRIN	60-57-1	29	16
DIELDRIN	60-57-1	29	16
DIESEL FUEL MARINE	DIESELFUEL	29	16
DIETHANOLAMINE	111-42-2	26	16
DIETHANOLAMINE	111-42-2	26	16
DIETHANOLAMINE	111-42-2	29	16
@DIETHANOLAMINE (TRANSGENIC LECM)	111-42-2	38	*
(LISTED AS: TRANSGENIC LECM (DIETHANOLAMINE))			
DIETHYLAMINE	109-89-7	19	2
DI(2-ETHYLHEXYL)ADIPATE	103-23-1	29	16
DI(2-ETHYLHEXYL) PHTHALATE	117-81-7	29	16
@DI (2-ETHYLHEXYL) PHTHALATE (TRANSGENIC- MODEL EVALUATION)	117-81-7	21	6
(LISTED AS: TRANSGENIC MODEL EVALUATION (DI(2- - ETHYLHEXYL) PHTHALATE))			
@DI (2-ETHYLHEXYL) PHTHALATE (TRANSGENIC- MODEL EVALUATION)	117-81-7	21	6
(LISTED AS: TRANSGENIC MODEL EVALUATION (DI(2- - ETHYLHEXYL) PHTHALATE))			
DI(P-ETHYLPHENYL)DICHLOROETHANE	72-56-0	29	16
DIETHYL PHTHALATE	84-66-2	29	16
DIETHYL PHTHALATE/DIMETHYL PHTHALATE	DIETH/DIMETH	29	16
N,N'-DIETHYLTHIOUREA	105-55-5	29	16
@1,2-DIFLUORO-1,1,2,2-TETRACHLOROETHANE - (HALOGENATED ETHANES CS)	76-12-0	26	16
(LISTED AS: HALOGENATED ETHANES CS (1,2-DIFLUORO-1, - 1,2,2-TETRACHLOROETHANE))			
DIGLYCIDYL RESORCINOL ETHER (DGRE)	101-90-6	29	16
3,4-DIHYDROCOUMARIN	119-84-6	29	16
3,4-DIHYDROCOUMARIN	119-84-6	37	*
1,2-DIHYDRO-2,2,4-TRIMETHYLQUINOLINE - (MONOMER)	147-47-7	29	16
1,2-DIHYDRO-2,2,4-TRIMETHYLQUINOLINE - (MONOMER)	147-47-7	29	16
1,2-DIHYDRO-2,2,4-TRIMETHYLQUINOLINE - (MONOMER)	147-47-7	37	*
1,2-DIHYDRO-2,2,4-TRIMETHYLQUINOLINE - (MONOMER)	147-47-7	37	*
1,2-DIHYDRO-2,2,4-TRIMETHYLQUINOLINE - (POLYMER)	26780-96-1	37	*
DIISOPROPYLCARBODIIMIDE	693-13-0	21	6
DIISOPROPYLCARBODIIMIDE	693-13-0	22	7
DIISOPROPYLCARBODIIMIDE	693-13-0	23	12
DIISOPROPYLCARBODIIMIDE	693-13-0	23	12
DIMETHOATE	60-51-5	29	16
DIMETHOXANE	828-00-2	29	16
2,4-DIMETHOXYANILINE HYDROCHLORIDE	54150-69-5	30	16
3,3'-DIMETHOXYBENZIDINE DIHYDROCHLORIDE	20325-40-0	30	16
3,3'-DIMETHOXYBENZIDINE-4,4'- - DIISOCYANATE	91-93-0	30	16
DIMETHYL ADIPATE	627-93-0	19	2
DIMETHYLAMINOPROPYL CHLORIDE, - HYDROCHLORIDE	5407-04-5	20	4
DIMETHYLAMINOPROPYL CHLORIDE, - HYDROCHLORIDE	5407-04-5	20	5
DIMETHYLAMINOPROPYL CHLORIDE, - HYDROCHLORIDE	5407-04-5	21	6
N,N-DIMETHYLANILINE	121-69-7	30	16
@7,12-DIMETHYLBENZ(A)ANTHRACENE (DMBA)	INIT/PROM	31	16
(LISTED AS: INIT/PROM COMPARATIVE MOUSE STUDY - (DMBA/TPA/BPO/MNNG))			
@7,12-DIMETHYLBENZ(A)ANTHRACENE (DMBA)	INIT/PROM	31	16
(LISTED AS: INIT/PROM COMPARATIVE MOUSE STUDY - (DMBA/TPA/BPO/MNNG))			
@7,12-DIMETHYLBENZ(A)ANTHRACENE (DMBA)	INIT/PROM	31	16
(LISTED AS: INIT/PROM COMPARATIVE MOUSE STUDY - (DMBA/TPA/BPO/MNNG))			
3,3'-DIMETHYLBENZIDINE DIHYDROCHLORIDE	612-82-8	30	16
DIMETHYLFORMAMIDE	68-12-2	26	16
DIMETHYL HYDROGEN PHOSPHITE	868-85-9	30	16
DIMETHYL METHYLPHOSPHONATE	756-79-6	30	16
DIMETHYL MORPHOLINOPHOSPHORAMIDATE	597-25-1	30	16
DIMETHYL TEREPHTHALATE	120-61-6	30	16
DIMETHYLVINYL CHLORIDE (DMVC)	513-37-1	30	16
2,4-DINITROTOLUENE	121-14-2	30	16
1,4-DIOXANE	123-91-1	30	16

@ Denotes common names--see following line for correct name.

* See Appendix, Prechronic Studies for Which Toxicity Technical Reports were not Prepared

Alphabetical Index of Chemicals with Reference Location:

CHEMICAL NAME	CAS NUMBER	PAGE	REF
DIOXATHION	78-34-2	30	16
@DIOXIN MIXTURE (TOXIC EQUIVALENCY FACTOR EVALUATION)	TEFDIOXINMIX	22	8
(LISTED AS: TOXIC EQUIVALENCY FACTOR EVALUATION (DIOXIN MIXTURE))			
DIPHENHYDRAMINE HYDROCHLORIDE	147-24-0	30	16
1,3-DIPHENYLGUANIDINE	102-06-7	26	16
5,5-DIPHENYLHYDANTOIN (PHENYTOIN)	57-41-0	30	16
DIPROPYLENE GLYCOL	25265-71-8	22	8
DIPROPYLENE GLYCOL	25265-71-8	37	*
2,5-DITHIOBIUREA	142-46-1	30	16
DIVINYLBENZENE	1321-74-0	22	7
DIVINYLBENZENE	1321-74-0	37	*
@DMBA + EMF INIT PROM	EMF+DMBA	31	16
(LISTED AS: MAGNETIC FIELDS + DMBA INITIATION PROMOTION)			
@DMBA/TPA/BPO/MNNG	INIT/PROM	31	16
(LISTED AS: INIT/PROM COMPARATIVE MOUSE STUDY (DMBA/TPA/BPO/MNNG))			
@DMBA/TPA/BPO/MNNG	INIT/PROM	31	16
(LISTED AS: INIT/PROM COMPARATIVE MOUSE STUDY (DMBA/TPA/BPO/MNNG))			
@DMBA/TPA/BPO/MNNG	INIT/PROM	31	16
(LISTED AS: INIT/PROM COMPARATIVE MOUSE STUDY (DMBA/TPA/BPO/MNNG))			
@DMVC	513-37-1	30	16
(LISTED AS: DIMETHYLVINYL CHLORIDE (DMVC))			
DOXYLAMINE	469-21-6	30	16
ECHINACEA PURPUREA, EXT.	90028-20-9	19	2
@EDTA	150-38-9	34	16
(LISTED AS: TRISODIUM ETHYLENEDIAMINETETRAACETATE TRIHYDRATE (EDTA))			
@EGMBE	111-76-2	25	16
(LISTED AS: 2-BUTOXYETHANOL (ETHYLENE GLYCOL MONOBUTYL ETHER))			
@EGMBE	111-76-2	25	16
(LISTED AS: 2-BUTOXYETHANOL (ETHYLENE GLYCOL MONOBUTYL ETHER))			
@EGMBE	111-76-2	28	16
(LISTED AS: 2-BUTOXYETHANOL (ETHYLENE GLYCOL MONOBUTYL ETHER))			
@EGMEE	110-80-5	26	16
(LISTED AS: ETHYLENE GLYCOL MONOETHYL ETHER (EGMEE))			
@EGMEE	110-80-5	26	16
(LISTED AS: ETHYLENE GLYCOL MONOETHYL ETHER (EGMEE))			
@EGMME	109-86-4	26	16
(LISTED AS: ETHYLENE GLYCOL MONOMETHYL ETHER (EGMME))			
@EGMME	109-86-4	26	16
(LISTED AS: ETHYLENE GLYCOL MONOMETHYL ETHER (EGMME))			
ELMIRON (SODIUM PENTOSANPOLYSULFATE)	37319-17-8	23	10
ELMIRON (SODIUM PENTOSANPOLYSULFATE)	37319-17-8	37	*
EMETINE HYDROCHLORIDE	316-42-7	30	16
@EMF + DMBA INIT PROM	EMF+DMBA	31	16
(LISTED AS: MAGNETIC FIELDS + DMBA INITIATION PROMOTION)			
EMODIN	518-82-1	24	14
ENDOSULFAN	115-29-7	30	16
ENDRIN	72-20-8	30	16
EPHEDRINE SULFATE	134-72-5	30	16
EPINEPHRINE HYDROCHLORIDE	55-31-2	30	16
1,2-EPOXYBUTANE	106-88-7	30	16
ERYTHROMYCIN STEARATE	643-22-1	30	16
ESTRADIOL MUSTARD	22966-79-6	30	16
ESTRAGOLE	140-67-0	19	2
ETHANOL	64-17-5	22	8
ETHIDIUM BROMIDE	1239-45-8	19	2
@ETHINYL ESTRADIOL (TRANSGENIC MODEL EVALUATION)	57-63-6	21	5
(LISTED AS: TRANSGENIC MODEL EVALUATION (ETHINYL ESTRADIOL))			
@ETHINYL ESTRADIOL (TRANSGENIC MODEL EVALUATION)	57-63-6	21	5
(LISTED AS: TRANSGENIC MODEL EVALUATION (ETHINYL ESTRADIOL))			
ETHIONAMIDE	536-33-4	30	16
@ETHOXYETHANOL	DIET88+EGMEE	37	*
(LISTED AS: NTP-88 DIET STUDY (EGMEE))			
ETHOXYQUIN	91-53-2	37	*
ETHYL ACRYLATE	140-88-5	30	16
ETHYLBENZENE	100-41-4	26	16
ETHYLBENZENE	100-41-4	30	16
@ETHYL BROMIDE	74-96-4	28	16
(LISTED AS: BROMOETHANE (ETHYL BROMIDE))			
@ETHYL CHLORIDE	75-00-3	28	16
(LISTED AS: CHLOROETHANE)			
@ETHYLENE CHLOROHYDRIN	107-07-3	28	16
(LISTED AS: 2-CHLOROETHANOL (ETHYLENE CHLOROHYDRIN))			
@ETHYLENE DIBROMIDE	106-93-4	29	16
(LISTED AS: 1,2-DIBROMOETHANE)			
@ETHYLENE DIBROMIDE	106-93-4	29	16
(LISTED AS: 1,2-DIBROMOETHANE)			
@ETHYLENE DICHLORIDE	107-06-2	26	16
(LISTED AS: 1,2-DICHLOROETHANE)			
@ETHYLENE DICHLORIDE	107-06-2	26	16
(LISTED AS: 1,2-DICHLOROETHANE)			
@ETHYLENE DICHLORIDE	107-06-2	26	16
(LISTED AS: 1,2-DICHLOROETHANE)			
@ETHYLENE DICHLORIDE	107-06-2	29	16
(LISTED AS: 1,2-DICHLOROETHANE)			
ETHYLENE GLYCOL	107-21-1	30	16
ETHYLENE GLYCOL MONOETHYL ETHER (EGMEE)	110-80-5	26	16
ETHYLENE GLYCOL MONOETHYL ETHER (EGMEE)	110-80-5	26	16
ETHYLENE GLYCOL MONOMETHYL ETHER (EGMME)	109-86-4	26	16
ETHYLENE GLYCOL MONOMETHYL ETHER (EGMME)	109-86-4	26	16
ETHYLENE OXIDE	75-21-8	30	16
ETHYLENE THIOUREA (ETU)	96-45-7	30	16
ETHYL TELLURAC	20941-65-5	30	16
@ETHYL TELLURAC	20941-65-5	30	16
(LISTED AS: ETHYL TELLURAC)			
ETHYL VINYL KETONE	1629-58-9	37	*
EUGENOL	97-53-0	30	16
@EVK	1629-58-9	37	*
(LISTED AS: ETHYL VINYL KETONE)			
FD & C YELLOW NO. 6	2783-94-0	30	16
FEED RESTRICTION STUDIES	FEEDRESTRICT	30	16
FORMULATED FENAMINOSULF	140-56-7	30	16
FENTHION	55-38-9	30	16
FERROCENE	102-54-5	37	*
@FIREMASTER FF-1	67774-32-7	33	16
(LISTED AS: POLYBROMINATED BIPHENYL MIXTURE (FIREMASTER FF-1))			
@FIREMASTER FF-1	67774-32-7	33	16
(LISTED AS: POLYBROMINATED BIPHENYL MIXTURE (FIREMASTER FF-1))			
FISH PROJECT 1 (NITROMETHANE)	75-52-5	22	8
FISH PROJECT 1 (NITROMETHANE)	75-52-5	22	8
FISH PROJECT 1 (2,2-BIS(BROMOMETHYL)-1,-3-PROPANEDIOL)	3296-90-0	22	8
FISH PROJECT 1 (2,2-BIS(BROMOMETHYL)-1,-3-PROPANEDIOL)	3296-90-0	22	8
FISH PROJECT 1 (1,2,3-TRICHLOROPROPANE)	96-18-4	22	8
FISH PROJECT 1 (1,2,3-TRICHLOROPROPANE)	96-18-4	22	8
@FLAXSEED OIL + MELATONIN (PREVENTION 1)	FLAXSEED+MEL	38	*
(LISTED AS: PREVENTION 1 (FLAXSEED OIL + MELATONIN))			
@FLAXSEED OIL (PREVENTION 1)	8001-26-1	38	*
(LISTED AS: PREVENTION 1 (FLAXSEED OIL))			
FLUASTERONE	112859-71-9	19	2
FLUOMETURON	2164-17-2	30	16
FORMALDEHYDE	50-00-0	37	*
FORMAMIDE	75-12-7	20	3
FORMAMIDE	75-12-7	23	12
FORMIC ACID	64-18-6	26	16
FUMONISIN B1	116355-83-0	24	14
FUMONISIN B1	116355-83-0	37	*
FURAN	110-00-9	30	16
FURFURAL	98-01-1	30	16
FURFURYL ALCOHOL	98-00-0	30	16
FURFURYL ALCOHOL	98-00-0	37	*

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Alphabetical Index of Chemicals with Reference Location:

CHEMICAL NAME	CAS NUMBER	PAGE	REF
@FURFURYL ALCOHOL (TRANSGENIC LECM)	98-00-0	38	*
(LISTED AS: TRANSGENIC LECM (FURFURYL ALCOHOL))			
FUROSEMIDE	54-31-9	30	16
GALLIUM ARSENIDE	1303-00-0	25	15
GALLIUM ARSENIDE	1303-00-0	37	*
GALLIUM OXIDE	12024-21-4	37	*
@GEMFIBROZIL (PEROXISOME PROJECT)	25812-30-0	23	12
(LISTED AS: PEROXISOME PROJECT (GEMFIBROZIL))			
@GENTIAN VIOLET	548-62-9	30	16
(LISTED AS: HEXAMETHYL-P-ROSANILINE CHLORIDE)			
@GENTIAN VIOLET	548-62-9	30	16
(LISTED AS: HEXAMETHYL-P-ROSANILINE CHLORIDE)			
GERANYL ACETATE	105-87-3	30	16
GINKGO BILOBA EXTRACT	90045-36-6	20	3
GINSENG	50647-08-0	19	2
GLUTARALDEHYDE	111-30-8	26	16
GLUTARALDEHYDE	111-30-8	30	16
GLYCIDOL	556-52-5	30	16
@GLYCIDOL (TRANSGENIC MODEL EVALUATION II) -	556-52-5	21	5
(LISTED AS: TRANSGENIC MODEL EVALUATION II - (GLYCIDOL))			
GLYCINE + BENZYL ACETATE COMBINATION STUDY -	GLYCINEBENZA	37	*
@GLYCOL	9005-65-6	33	16
(LISTED AS: POLYSORBATE 80 (GLYCOL))			
@GLYCOLIC ACID	79-14-1	19	2
(LISTED AS: ALPHA-HYDROXY ACIDS (GLYCOLIC ACID))			
GLYOXAL	107-22-2	37	*
GLYPHOSATE	1071-83-6	26	16
GLYPHOSATE	1071-83-6	26	16
@GOLDENSEAL - POWDERED ROOT	GOLDENSEALRT	20	3
(LISTED AS: POWDERED ROOT OF GOLDENSEAL)			
GUANAZOLE	1455-77-2	35	17
GUAR GUM	9000-30-0	30	16
GUM ARABIC	9000-01-5	30	16
HALOGENATED ETHANES CS (1,2-DICHLORO-1,1-DIFLUOROETHANE) -	1649-08-7	26	16
HALOGENATED ETHANES CS (1,2-DIFLUORO-1,1,2,2-TETRACHLOROETHANE) -	76-12-0	26	16
HALOGENATED ETHANES CS (HEXACHLOROETHANE) -	67-72-1	26	16
HALOGENATED ETHANES CS (PENTABROMOETHANE) -	75-95-6	26	16
HALOGENATED ETHANES CS (PENTACHLOROETHANE) -	76-01-7	26	16
HALOGENATED ETHANES CS (1,1,1,2-TETRABROMOETHANE) -	630-16-0	26	16
HALOGENATED ETHANES CS (1,1,2,2-TETRABROMOETHANE) -	79-27-6	26	16
HALOGENATED ETHANES CS (1,1,1,2-TETRACHLOROETHANE) -	630-20-6	26	16
HALOGENATED ETHANES CS (1,1,2,2-TETRACHLOROETHANE) -	79-34-5	26	16
HALOGENATED ETHANES CS (1,1,1-TRICHLOROETHANE) -	71-55-6	26	16
HALOGENATED ETHANES CS (1,1,1-TRICHLORO-2,2,2-TRIFLUOROETHANE) -	354-58-5	26	16
HC BLUE 1	2784-94-3	30	16
HC BLUE 2	33229-34-4	30	16
HC RED 3	2871-01-4	30	16
HC YELLOW 4	59820-43-8	30	16
HEPTACHLOR	76-44-8	30	16
HEXACHLOROBENZENE	118-74-1	20	4
@2,2',4,4',5,5'-HEXACHLOROBIPHENYL (PCB - 153) (TOXIC EQUIVALENCY FACTOR EVALUATION)	35065-27-1	22	7
(LISTED AS: TOXIC EQUIVALENCY FACTOR EVALUATION (PCB-153- 2,2'-4,4',5,5'-HEXACHLOROBIPHENYL))			
HEXACHLORO-1,3-BUTADIENE	87-68-3	26	16
HEXACHLOROCYCLOPENTADIENE	77-47-4	30	16
1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	57653-85-7	30	16
1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	57653-85-7	30	16
HEXACHLOROETHANE	67-72-1	30	16
HEXACHLOROETHANE	67-72-1	30	16
@HEXACHLOROETHANE (HALOGENATED ETHANES CS) -	67-72-1	26	16
(LISTED AS: HALOGENATED ETHANES CS - (HEXACHLOROETHANE))			
1,2,3,4,6,7-HEXACHLORONAPHTHALENE (PCN 66) -	103426-96-6	20	3
1,2,3,5,6,7-HEXACHLORONAPHTHALENE (PCN 67) -	103426-97-7	20	3
HEXACHLOROPHENE	70-30-4	30	16
2,4-HEXADIENAL	142-83-6	23	10
2,4-HEXADIENAL	142-83-6	37	*
HEXAMETHYL-P-ROSANILINE CHLORIDE	548-62-9	30	16
HEXAMETHYL-P-ROSANILINE CHLORIDE	548-62-9	30	16
1,6-HEXANEDIAMINE DIHYDROCHLORIDE	6055-52-3	26	16
1,6-HEXANEDIAMINE DIHYDROCHLORIDE	6055-52-3	26	16
N-HEXANE	110-54-3	26	16
4-HEXYLRESORCINOL	136-77-6	30	16
@4-HPR (RETINOID PROJECT 6)	65646-68-6	38	*
(LISTED AS: RETINOID PROJECT 6 (4-HPR))			
HYDRAZOBENZENE	122-66-7	30	16
HYDROCHLOROTHIAZIDE	58-93-5	30	16
HYDROQUINONE	123-31-9	30	16
2-HYDROXY-4-METHOXYBENZOPHENONE	131-57-7	20	4
2-HYDROXY-4-METHOXYBENZOPHENONE	131-57-7	26	16
2-HYDROXY-4-METHOXYBENZOPHENONE	131-57-7	26	16
2-HYDROXY-4-METHOXYBENZOPHENONE	131-57-7	26	16
5-(HYDROXYMETHYL)-2-FURFURAL	67-47-0	20	3
5-(HYDROXYMETHYL)-2-FURFURAL	67-47-0	23	12
8-HYDROXYQUINOLINE	148-24-3	31	16
@8-HYDROXYQUINOLINE (TRANSGENIC MODEL EVALUATION) -	148-24-3	24	12
(LISTED AS: TRANSGENIC MODEL EVALUATION (8- HYDROXYQUINOLINE)) -			
@8-HYDROXYQUINOLINE (TRANSGENIC MODEL EVALUATION) -	148-24-3	24	12
(LISTED AS: TRANSGENIC MODEL EVALUATION (8- HYDROXYQUINOLINE)) -			
HYDROXYUREA	127-07-1	35	17
ICRF-159	21416-87-5	31	16
IPD (3,3'-IMINOBIS-1-PROPANOL DIMETHANESULFONATE (ESTER) HYDROCHLORIDE) -	3458-22-8	31	16
INDIUM PHOSPHIDE	22398-80-7	24	14
INDOLE-3-CARBINOL	700-06-1	19	2
@INDOLE-3-CARBINOL (PREVENTION 4)	700-06-1	21	5
(LISTED AS: PREVENTION 4 (INDOLE-3-CARBINOL))			
INIT/PROM COMPARATIVE MOUSE STUDY (DMBA/TPA/BPO/MNNG) -	INIT/PROM	31	16
INIT/PROM COMPARATIVE MOUSE STUDY (DMBA/TPA/BPO/MNNG) -	INIT/PROM	31	16
INIT/PROM COMPARATIVE MOUSE STUDY (DMBA/TPA/BPO/MNNG) -	INIT/PROM	31	16
INTERFERON AD (AIDS INITIATIVE)	INTERFERONAD	31	16
INTERFERON AD + 3'-AZIDO-3'-DEOXYTHYMIDINE (AIDS INITIATIVE) -	INTAZTCOMB	31	16
INTERFERON AD + DDC (AIDS INITIATIVE)	INTDDCCOMB	37	*
INTERFERON A (AIDS INITIATIVE)	76543-88-9	31	16
IODINATED GLYCEROL	5634-39-9	31	16
IODOFORM	75-47-8	31	16
ISOBUTENE	115-11-7	31	16
ISOBUTYL NITRITE	542-56-3	31	16
ISOBUTYRALDEHYDE	78-84-2	31	16
ISOBUTYRALDEHYDE	78-84-2	37	*
ISOEUGENOL	97-54-1	20	3
ISOPHORONE	78-59-1	31	16
ISOPHOSPHAMIDE	3778-73-2	31	16
ISOPRENE	78-79-5	26	16
ISOPRENE	78-79-5	26	16
ISOPRENE	78-79-5	31	16
ISOPROPYLAMINE	75-31-0	19	2
JUGLONE	481-39-0	19	2
KAVA KAVA EXTRACT	9000-38-8	19	2
@KELTHANE	115-32-2	29	16
(LISTED AS: DICOFOL)			

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Alphabetical Index of Chemicals with Reference Location:

CHEMICAL NAME	CAS NUMBER	PAGE	REF
@KEPONE	143-50-0	28	16
(LISTED AS: CHLORDECONE (KEPONE))			
@LACTIC ACID	50-21-5	19	2
(LISTED AS: ALPHA-HYDROXY ACIDS (LACTIC ACID))			
LASIOCARPINE	303-34-4	31	16
LAURIC ACID DIETHANOLAMINE CONDENSATE	120-40-1	31	16
@LAURIC ACID DIETHANOLAMINE CONDENSATE - (TRANSGENIC LECM)	120-40-1	38	*
(LISTED AS: TRANSGENIC LECM (LAURIC ACID - DIETHANOLAMINE CONDENSATE))			
@LAURIC ACID DIETHANOLAMINE CONDENSATE - (TRANSGENIC LECM)	120-40-1	38	*
(LISTED AS: TRANSGENIC LECM (LAURIC ACID - DIETHANOLAMINE CONDENSATE))			
LEAD(2+) ACETATE	301-04-2	37	*
LEAD CONTAMINATED SOIL	PBCONTAMSOIL	37	*
LEAD DIMETHYLDITHIOCARBAMATE	19010-66-3	31	16
LEAD ORES	LEADORES	37	*
LEAD OXIDE	1317-36-8	37	*
LEAD SULFIDE	1314-87-0	37	*
LEAD SULFIDE	1314-87-0	37	*
LEUCOMALACHITE GREEN	129-73-7	22	7
D-LIMONENE	5989-27-5	31	16
LINDANE	58-89-9	31	16
LITHOCHOLIC ACID	434-13-9	31	16
LOCUST BEAN GUM	9000-40-2	31	16
LOMUSTINE	13010-47-4	35	17
LUMINOL	521-31-3	19	2
MAGNETIC FIELDS (EMF)	ELECTROMAG	26	16
MAGNETIC FIELDS (EMF)	ELECTROMAG	31	16
MAGNETIC FIELDS (EMF)	ELECTROMAG	37	*
MAGNETIC FIELDS + DMBA INITIATION - PROMOTION	EMF+DMBA	31	16
MALACHITE GREEN	569-64-2	22	7
MALAOXON	1634-78-2	31	16
MALATHION	121-75-5	31	16
MALATHION	121-75-5	31	16
@MELATONIN + SILYMARIN (PREVENTION 2)	SILYMARN+MEL	20	5
(LISTED AS: PREVENTION 2 (SILYMARIN + MELATONIN))			
MALONALDEHYDE, SODIUM SALT	24382-04-5	31	16
@MAN	126-98-7	24	13
(LISTED AS: METHACRYLONITRILE)			
@MAN	126-98-7	26	16
(LISTED AS: METHACRYLONITRILE)			
MANGANESE SULFATE MONOHYDRATE	10034-96-5	31	16
MANGANESE SULFATE MONOHYDRATE	10034-96-5	37	*
D-MANNITOL	69-65-8	31	16
@MARIJUANA COMPONENT	1972-08-3	33	16
(LISTED AS: 1-TRANS-DELTA-9-TETRAHYDROCANNABINOL)			
@MARIJUANA COMPONENT	1972-08-3	38	*
(LISTED AS: 1-TRANS-DELTA-9-TETRAHYDROCANNABINOL)			
MELAMINE	108-78-1	31	16
MELATONIN	73-31-4	20	3
@MELATONIN + CURCUMIN (PREVENTION 4)	MEL+CURCUMIN	21	5
(LISTED AS: PREVENTION 4 (MELATONIN + CURCUMIN))			
@MELATONIN + INDOLE-3-CARBINOL - (PREVENTION 4)	MEL+INDOLCAR	21	5
(LISTED AS: PREVENTION 4 (MELATONIN+INDOLE-3- CARBINOL))			
@MELATONIN (PREVENTION 2)	73-31-4	20	5
(LISTED AS: PREVENTION 2 (MELATONIN))			
@MELATONIN (PREVENTION 3)	73-31-4	20	5
(LISTED AS: PREVENTION 3 (MELATONIN))			
MELPHALAN	148-82-3	35	17
@MELPHALAN (TRANSGENIC MODEL EVALUATION)	148-82-3	21	5
(LISTED AS: TRANSGENIC MODEL EVALUATION (MELPHALAN))			
@MELPHALAN (TRANSGENIC MODEL EVALUATION)	148-82-3	21	6
(LISTED AS: TRANSGENIC MODEL EVALUATION (MELPHALAN))			
@MELPHALAN (TRANSGENIC MODEL EVALUATION)	148-82-3	21	6
(LISTED AS: TRANSGENIC MODEL EVALUATION (MELPHALAN))			
@MELPHALAN (TRANSGENIC MODEL EVALUATION)	148-82-3	24	12
(LISTED AS: TRANSGENIC MODEL EVALUATION (MELPHALAN))			
@MELPHALAN (TRANSGENIC MODEL EVALUATION)	148-82-3	24	12
(LISTED AS: TRANSGENIC MODEL EVALUATION (MELPHALAN))			
DL-MENTHOL	15356-70-4	31	16
2-MERCAPTOBENZIMIDAZOLE	583-39-1	37	*
2-MERCAPTOBENZIMIDAZOLE	583-39-1	37	*
2-MERCAPTOBENZOTHIAZOLE	149-30-4	31	16
6-MERCAPTOPURINE	50-44-2	35	17
MERCURIC CHLORIDE	7487-94-7	31	16
MERPHALAN	531-76-0	35	17
METHACRYLONITRILE	126-98-7	24	13
METHACRYLONITRILE	126-98-7	26	16
METHAPYRILENE HYDROCHLORIDE	135-23-9	24	14
METHAPYRILENE HYDROCHLORIDE	135-23-9	35	17
METHAPYRILENE HYDROCHLORIDE	135-23-9	37	*
METHDILAZINE	1982-37-2	37	*
@N-METHOLOLACRYLAMIDE (TRANSGENIC MODEL - EVALUATION)	924-42-5	24	12
(LISTED AS: TRANSGENIC MODEL EVALUATION (N- METHYLOLACRYLAMIDE))			
@N-METHOLOLACRYLAMIDE (TRANSGENIC MODEL - EVALUATION)	924-42-5	24	12
(LISTED AS: TRANSGENIC MODEL EVALUATION (N- METHYLOLACRYLAMIDE))			
METHOTREXATE	59-05-2	35	17
6-METHOXY-2-BENZOTHIAZOLAMINE	1747-60-0	37	*
METHOXYCHLOR	72-43-5	31	16
@METHOXYETHANOL	DIET88+EGMME	37	*
(LISTED AS: NTP-88 DIET STUDY (EGMME))			
8-METHOXYPSORALEN	298-81-7	31	16
4-(6-METHYL-2-BENZOTHIAZOLYL)- - BENZENAMINE	92-36-4	37	*
ALPHA-METHYLBENZYL ALCOHOL	98-85-1	31	16
METHYL BROMIDE	74-83-9	31	16
METHYL BROMIDE	74-83-9	37	*
METHYL BROMIDE	74-83-9	37	*
METHYL CARBAMATE	598-55-0	31	16
METHYL CCNU	13909-09-6	35	17
@METHYL CHLOROFORM	71-55-6	24	14
(LISTED AS: 1,1,1-TRICHLOROETHANE)			
@METHYL CHLOROFORM	71-55-6	34	16
(LISTED AS: 1,1,1-TRICHLOROETHANE)			
METHYL COUMARIN	92-48-8	37	*
METHYLDOPA SESQUIHYDRATE	41372-08-1	31	16
4,4'-METHYLENEBIS(N,N-DIMETHYL) - BENZENAMINE	101-61-1	31	16
METHYLENE BIS(THIOCYANATE)	6317-18-6	26	16
METHYLENE BLUE TRIHYDRATE	7220-79-3	22	7
METHYLENE BLUE TRIHYDRATE	7220-79-3	37	*
METHYLENE BLUE TRIHYDRATE	7220-79-3	37	*
METHYLENE CHLORIDE	75-09-2	31	16
4,4'-METHYLENEDIANILINE DIHYDROCHLORIDE	13552-44-8	31	16
METHYL ETHYL KETONE PEROXIDE	1338-23-4	26	16
METHYL ETHYL KETOXIME	96-29-7	26	16
METHYLEUGENOL	93-15-2	20	3
METHYLEUGENOL	93-15-2	25	15
METHYLEUGENOL	93-15-2	37	*
2-METHYLIMIDAZOLE	693-98-1	22	8
2-METHYLIMIDAZOLE	693-98-1	23	12
4-METHYLIMIDAZOLE	822-36-6	22	7
4-METHYLIMIDAZOLE	822-36-6	23	12
METHYL ISOBUTYL KETONE	108-10-1	22	7
6-METHYLMERCAPTOPURINE RIBONUCLEOSIDE	342-69-8	35	17
METHYL METHACRYLATE	80-62-6	31	16
3-METHYL-6-METHOXY-2-AMINO- - BENZOTHIAZOLIUM CHLORIDE	EMTDP-76	37	*
3-METHYL-6-METHOXY-2-AMINO- - BENZOTHIAZOLIUM CHLORIDE	EMTDP-76	37	*
2-METHYL-1-NITROANTHRAQUINONE	129-15-7	31	16
2-METHYL-1-NITROANTHRAQUINONE	129-15-7	35	17
@1-BUTANONE, 4-(METHYLNITROSOAMINO)-1-3-- PYRIDINYL)- (9CI)	OZONNNKCOMB	32	16
(LISTED AS: OZONE/NNK)			
N-METHYLOLACRYLAMIDE	924-42-5	31	16
METHYL PARATHION	298-00-0	31	16
METHYLPHENIDATE HYDROCHLORIDE	298-59-9	31	16
METHYLPHENIDATE HYDROCHLORIDE	298-59-9	37	*

@ Denotes common names--see following line for correct name.

* See Appendix, Prechronic Studies for Which Toxicity Technical Reports were not Prepared

Alphabetical Index of Chemicals with Reference Location:

CHEMICAL NAME	CAS NUMBER	PAGE	REF
@METHYLPHENIDATE HYDROCHLORIDE - (TRANSGENIC MODEL EVALUATION (LISTED AS: TRANSGENIC MODEL EVALUATION - (METHYLPHENIDATE HYDROCHLORIDE))	298-59-9	21	6
ALPHA-METHYLSTYRENE	98-83-9	20	4
ALPHA-METHYLSTYRENE	98-83-9	37	*
METHYL TRANS-STYRYL KETONE	1896-62-4	20	3
METHYL TRANS-STYRYL KETONE	1896-62-4	20	3
METHYL VINYL KETONE	78-94-4	37	*
@N-METHYL-N'-NITRO-N-NITROSOGUANIDINE - (MNNG) (LISTED AS: INIT/PROM COMPARATIVE MOUSE STUDY - (DMBA/TPA/BPO/MNNG))	INIT/PROM	31	16
@N-METHYL-N'-NITRO-N-NITROSOGUANIDINE - (MNNG) (LISTED AS: INIT/PROM COMPARATIVE MOUSE STUDY - (DMBA/TPA/BPO/MNNG))	INIT/PROM	31	16
@N-METHYL-N'-NITRO-N-NITROSOGUANIDINE - (MNNG) (LISTED AS: INIT/PROM COMPARATIVE MOUSE STUDY - (DMBA/TPA/BPO/MNNG))	INIT/PROM	31	16
MEXACARBATE	315-18-4	31	16
MICHLER'S KETONE	90-94-8	31	16
MILK THISTLE EXTRACT	84604-20-6	19	2
MIREX	2385-85-5	31	16
MITOMYCIN C	50-07-7	35	17
MOLYBDENUM TRIOXIDE	1313-27-5	31	16
MOLYBDENUM TRIOXIDE	1313-27-5	37	*
MONOCHLOROACETIC ACID	79-11-8	31	16
MONURON	150-68-5	31	16
@8-MOP (LISTED AS: 8-METHOXYPSORALEN)	298-81-7	31	16
MOUSE AGEING STUDY	MOUSEAGE	35	17
@MVK (LISTED AS: METHYL VINYL KETONE)	78-94-4	37	*
@MX (LISTED AS: 3-CHLORO-4-(DICHLOROMETHYL)-5-HYDROXY-2 - (5H)-FURANONE(MX))	77439-76-0	20	5
BETA-MYRCENE	123-35-3	20	3
MYRISTICIN	607-91-0	19	2
NALIDIXIC ACID	389-08-2	31	16
NAPHTHALENE	91-20-3	24	14
NAPHTHALENE	91-20-3	31	16
1,5-NAPHTHALENEDIAMINE	2243-62-1	31	16
N-(1-NAPHTHYL)ETHYLENEDIAMINE - DIHYDROCHLORIDE	1465-25-4	31	16
NAVY FUELS JP-5	8008-20-6	31	16
NICKEL (II) OXIDE	1313-99-1	31	16
NICKEL SULFATE HEXAHYDRATE	10101-97-0	31	16
NICKEL SUBSULFIDE	12035-72-2	31	16
NITHIAZIDE	139-94-6	32	16
NITRILOTRIACETIC ACID (NTA)	139-13-9	32	16
NITRILOTRIACETIC ACID TRISODIUM - MONOHYDRATE	18662-53-8	32	16
NITRILOTRIACETIC ACID TRISODIUM - MONOHYDRATE	18662-53-8	32	16
5-NITROACENAPHTHENE	602-87-9	32	16
3-NITRO-P-ACETOPHENETIDE	1777-84-0	32	16
P-NITROANILINE	100-01-6	32	16
P-NITROANILINE	100-01-6	37	*
5-NITRO-O-ANISIDINE	99-59-2	32	16
O-NITROANISOLE	91-23-6	32	16
O-NITROANISOLE	91-23-6	37	*
4-NITROANTHRANILIC ACID	619-17-0	32	16
NITROBENZENE	98-95-3	37	*
6-NITROBENZIMIDAZOLE	94-52-0	32	16
M-NITROBENZOIC ACID	121-92-6	37	*
P-NITROBENZOIC ACID	62-23-7	32	16
P-NITROBENZOIC ACID	62-23-7	37	*
NITROFEN	1836-75-5	32	16
NITROFEN	1836-75-5	32	16
NITROFURANTOIN	67-20-9	32	16
NITROFURAZONE	59-87-0	32	16
NITROFURAZONE	59-87-0	35	17
NITROMETHANE	75-52-5	32	16
1-NITRONAPHTHALENE	86-57-7	32	16
P-NITROPHENOL	100-02-7	32	16
2-NITRO-P-PHENYLENEDIAMINE	5307-14-2	32	16
4-NITRO-O-PHENYLENEDIAMINE	99-56-9	32	16
5-(4-NITROPHENYL)-2,4-PENTADIEN-1-AL - (NPPD)	2608-48-2	37	*
5-(4-NITROPHENYL)-2,4-PENTADIEN-1-AL - (NPPD)	2608-48-2	37	*
3-NITROPROPIONIC ACID	504-88-1	32	16
1-NITROPYRENE	5522-43-0	26	16
N-NITROSODIETHANOLAMINE	1116-54-7	35	17
N-NITROSODIPHENYLAMINE	86-30-6	32	16
P-NITROSODIPHENYLAMINE	156-10-5	32	16
BETA-NITROSTYRENE	102-96-5	32	16
M-NITROTOLUENE	99-08-1	20	4
M-NITROTOLUENE	99-08-1	26	16
O-NITROTOLUENE	88-72-2	23	11
O-NITROTOLUENE	88-72-2	26	16
O-NITROTOLUENE	88-72-2	26	16
P-NITROTOLUENE	99-99-0	24	13
P-NITROTOLUENE	99-99-0	26	16
P-NITROTOLUENE	99-99-0	37	*
5-NITRO-O-TOLUIDINE	99-55-8	32	16
@NNK (LISTED AS: OZONE/NNK)	OZONNNKCOMB	32	16
@NTA (LISTED AS: NITRILOTRIACETIC ACID (NTA))	139-13-9	32	16
NTP-2000 DIET	DIET2000	37	*
NTP 90 DIET STUDY	DIET90	35	17
NTP 91/92 DIET STUDY	DIET9192	35	17
NTP-88 DIET STUDY (EGMBE)	DIET88+EGMBE	37	*
NTP-88 DIET STUDY (EGMEE)	DIET88+EGMEE	37	*
NTP-88 DIET STUDY (EGMME)	DIET88+EGMME	37	*
NTP-88 DIET STUDY (M-NITROTOLUENE)	DIET88+MNITR	37	*
NTP-88 DIET STUDY (O-NITROTOLUENE)	DIET88+ONITR	37	*
NTP-88 DIET STUDY (P-NITROTOLUENE)	DIET88+PNITR	37	*
OCHRATOXIN A	303-47-9	32	16
OLEIC ACID DIETHANOLAMINE CONDENSATE	93-83-4	32	16
@OLEIC ACID DIETHANOLAMINE CONDENSATE - (TRANSGENIC LECM) (LISTED AS: TRANSGENIC LECM (OLEIC ACID - DIETHANOLAMINE CONDENSATE))	93-83-4	38	*
@OLEIC ACID DIETHANOLAMINE CONDENSATE - (TRANSGENIC LECM) (LISTED AS: TRANSGENIC LECM (OLEIC ACID - DIETHANOLAMINE CONDENSATE))	93-83-4	38	*
@ORANGE 10, C.I. ACID (LISTED AS: C.I. ACID ORANGE 10)	1936-15-8	28	16
@ORANGE 3, C.I. ACID (LISTED AS: C.I. ACID ORANGE 3)	6373-74-6	28	16
OXAZEPAM	604-75-1	32	16
OXAZEPAM	604-75-1	32	16
@OXYBENZONE (LISTED AS: 2-HYDROXY-4-METHOXYBENZOPHENONE)	131-57-7	20	4
@OXYBENZONE (LISTED AS: 2-HYDROXY-4-METHOXYBENZOPHENONE)	131-57-7	26	16
@OXYBENZONE (LISTED AS: 2-HYDROXY-4-METHOXYBENZOPHENONE)	131-57-7	26	16
@OXYBENZONE (LISTED AS: 2-HYDROXY-4-METHOXYBENZOPHENONE)	131-57-7	26	16
4,4'-OXYDIANILINE	101-80-4	32	16
OXYMETHOLONE	434-07-1	32	16
OXYMETHOLONE	434-07-1	37	*
OXYTETRACYCLINE HYDROCHLORIDE	2058-46-0	32	16
OZONE	10028-15-6	32	16
OZONE	10028-15-6	32	16
OZONE/NNK	OZONNNKCOMB	32	16
PARATHION	56-38-2	32	16
@PCB 126 (TOXIC EQUIVALENCY FACTOR - EVALUATION) (LISTED AS: TOXIC EQUIVALENCY FACTOR EVALUATION (- (PCB-126)3,3',4,4',5-PENTACHLOROBIPHENYL)	57465-28-8	22	8

@ Denotes common names--see following line for correct name.

* See Appendix, Prechronic Studies for Which Toxicity Technical Reports were not Prepared

Alphabetical Index of Chemicals with Reference Location:

CHEMICAL NAME	CAS NUMBER	PAGE	REF
@PCB 153 (TOXIC EQUIVALENCY FACTOR - EVALUATION) (LISTED AS: TOXIC EQUIVALENCY FACTOR EVALUATION (PCB-153- 2,2'-4,4',5,5'-HEXACHLOROBIPHENYL))	35065-27-1	22	7
PENICILLIN VK	132-98-9	32	16
@PENTABROMOETHANE (HALOGENATED ETHANES - CS) (LISTED AS: HALOGENATED ETHANES CS - (PENTABROMOETHANE))	75-95-6	26	16
PENTACHLOROANISOLE	1825-21-4	32	16
PENTACHLOROBENZENE	608-93-5	26	16
@3,3',4,4',5-PENTACHLOROBIPHENYL (TOXIC - EQUIVALENCY FACTOR EVALUATION) (LISTED AS: TOXIC EQUIVALENCY FACTOR EVALUATION (- (PCB-126)3,3',4,4',5-PENTACHLOROBIPHENYL)	57465-28-8	22	8
@PENTACHLORODIBENZOFURAN (TOXIC - EQUIVALENCY FACTOR EVALUATION) (LISTED AS: TOXIC EQUIVALENCY FACTOR EVALUATION (- (PECDF) PENTACHLORODIBENZOFURAN))	57117-31-4	22	7
PENTACHLOROETHANE	76-01-7	32	16
@PENTACHLOROETHANE (HALOGENATED ETHANES - CS) (LISTED AS: HALOGENATED ETHANES CS - (PENTACHLOROETHANE))	76-01-7	26	16
PENTACHLORONITROBENZENE	82-68-8	32	16
PENTACHLORONITROBENZENE	82-68-8	32	16
PENTACHLOROPHENOL, DOWICIDE EC-7	87-86-5	32	16
PENTACHLOROPHENOL, DP-2	87-86-5	37	*
PENTACHLOROPHENOL, PURIFIED	87-86-5	32	16
PENTACHLOROPHENOL, PURIFIED	87-86-5	37	*
PENTACHLOROPHENOL, TECHNICAL	87-86-5	32	16
@PENTACHLOROPHENOL (TRANSGENIC LECM) (LISTED AS: TRANSGENIC LECM (PENTACHLOROPHENOL))	87-86-5	38	*
@PENTACHLOROPHENOL (TRANSGENIC LECM) (LISTED AS: TRANSGENIC LECM (PENTACHLOROPHENOL))	87-86-5	38	*
PENTAERYTHRITOL TETRANITRATE	78-11-5	32	16
PENTAERYTHRITOL TRIACRYLATE	3524-68-3	21	6
PENTAERYTHRITOL TRIACRYLATE	3524-68-3	23	12
@PERCHLOROETHYLENE (LISTED AS: TETRACHLOROETHYLENE)	127-18-4	33	16
@PERCHLOROETHYLENE (LISTED AS: TETRACHLOROETHYLENE)	127-18-4	33	16
PEROXISOME PROJECT (DIBUTYL PHTHALATE)	84-74-2	23	12
PEROXISOME PROJECT (2,4- - DICHLOROPHENOXYACETIC ACID)	94-75-7	23	12
PEROXISOME PROJECT (GEMFIBROZIL)	25812-30-0	23	12
PEROXISOME PROJECT (WY-14643)	50892-23-4	23	12
PESTICIDE/FERTILIZER CONTAMINATION-- - MIXTURE 2	PESTFERTMIX2	26	16
PESTICIDE/FERTILIZER CONTAMINATION-- - MIXTURE 3	PESTFERTMIX3	26	16
@PETA (LISTED AS: PENTAERYTHRITOL TRIACRYLATE)	3524-68-3	21	6
@PETA (LISTED AS: PENTAERYTHRITOL TRIACRYLATE)	3524-68-3	23	12
@PGTBE (LISTED AS: PROPYLENE GLYCOL MONO-T-BUTYL ETHER)	57018-52-7	22	8
PHENAZOPYRIDINE HYDROCHLORIDE	136-40-3	32	16
PHENESTERIN	3546-10-9	32	16
PHENFORMIN HYDROCHLORIDE	834-28-6	32	16
PHENOL	108-95-2	32	16
PHENOLPHTHALEIN	77-09-8	32	16
PHENOLPHTHALEIN	77-09-8	37	*
@PHENOLPHTHALEIN (TRANSGENIC MODEL - EVALUATION) (LISTED AS: TRANSGENIC MODEL EVALUATION - (PHENOLPHTHALEIN))	77-09-8	38	*
@PHENOLPHTHALEIN (TRANSGENIC MODEL - EVALUATION II) (LISTED AS: TRANSGENIC MODEL EVALUATION II - (PHENOLPHTHALEIN))	77-09-8	21	5
PHENOXYBENZAMINE HYDROCHLORIDE	63-92-3	32	16
PHENYLBUTAZONE	50-33-9	32	16
P-PHENYLENEDIAMINE DIHYDROCHLORIDE	624-18-0	32	16
PHENYLEPHRINE HYDROCHLORIDE	61-76-7	32	16
1-PHENYL-3-METHYL-5-PYRAZOLONE	89-25-8	32	16
N-PHENYL-2-NAPHTHYLAMINE	135-88-6	32	16
O-PHENYLPHENOL	90-43-7	32	16
N-PHENYL-P-PHENYLENEDIAMINE	101-54-2	32	16
1-PHENYL-2-THIOUREA	103-85-5	32	16
@PHENYTOIN (LISTED AS: 5,5-DIPHENYLHYDANTOIN (PHENYTOIN))	57-41-0	30	16
@PHORBOL MYRISTATE ACETATE (LISTED AS: TETRADECANOYL PHORBOL ACETATE (TPA))	16561-29-8	21	5
PHOSPHAMIDON	13171-21-6	32	16
PHOSPHINE	7803-51-2	37	*
PHOTODIELDRIN	13366-73-9	32	16
PHTHALAMIDE	88-96-0	32	16
PHTHALIC ANHYDRIDE	85-44-9	32	16
PICLORAM	1918-02-1	33	16
BETA-PICOLINE	108-99-6	19	2
PIPERONYL BUTOXIDE	51-03-6	33	16
PIPERONYL SULFOXIDE	120-62-7	33	16
PIVALOLACTONE	1955-45-9	33	16
POLYBROMINATED BIPHENYL MIXTURE - (FIREMASTER FF-1)	67774-32-7	33	16
POLYBROMINATED BIPHENYL MIXTURE - (FIREMASTER FF-1)	67774-32-7	33	16
POLYSORBATE 80 (GLYCOL)	9005-65-6	33	16
POLYVINYL ALCOHOL	9002-89-5	33	16
POTASSIUM FERRICYANIDE	13746-66-2	19	2
POWDERED ROOT OF GOLDENSEAL	GOLDENSEALRT	20	3
PREDNISONE	53-03-2	35	17
PREVENTION 1 (MELATONIN)	73-31-4	37	*
PREVENTION 2 (MELATONIN)	73-31-4	20	5
PREVENTION 2 (SILYMARIN)	65666-07-1	20	5
PREVENTION 2 (SILYMARIN + MELATONIN)	SILYMARN+MEL	20	5
PREVENTION 3 (MELATONIN)	73-31-4	20	5
PREVENTION 4 (CURCUMIN)	458-37-7	21	5
PREVENTION 1 (FLAXSEED OIL)	8001-26-1	38	*
PREVENTION 1 (FLAXSEED OIL + MELATONIN)	FLAXSEED+MEL	38	*
PREVENTION 4 (INDOLE-3-CARBINOL)	700-06-1	21	5
PREVENTION 4 (MELATONIN)	73-31-4	21	5
PREVENTION 4 (MELATONIN + CURCUMIN)	MEL+CURCUMIN	21	5
PREVENTION 4 (MELATONIN+INDOLE-3- - CARBINOL)	MEL+INDOLCAR	21	5
PRIMIDONE (PRIMACLONE)	125-33-7	24	14
PROBENECID	57-66-9	33	16
PROCARBAZINE HYDROCHLORIDE	366-70-1	33	16
PROCARBAZINE HYDROCHLORIDE	366-70-1	35	17
PROFLAVIN HYDROCHLORIDE	952-23-8	33	16
PROMETHAZINE HYDROCHLORIDE	58-33-3	33	16
PROMETHAZINE HYDROCHLORIDE	58-33-3	38	*
PROPANTHELINE BROMIDE	50-34-0	38	*
PROPARGYL ALCOHOL	107-19-7	20	4
PROPYLENE	115-07-1	33	16
@PROPYLENE DICHLORIDE (LISTED AS: 1,2-DICHLOROPROPANE (PROPYLENE - DICHLORIDE))	78-87-5	29	16
PROPYLENE GLYCOL MONO-T-BUTYL ETHER	57018-52-7	22	8
1,2-PROPYLENE OXIDE	75-56-9	33	16
PROPYL GALLATE	121-79-9	33	16
PULEGONE	89-82-7	20	3
PYRAZINAMIDE	98-96-4	33	16
PYRIDINE	110-86-1	33	16
PYRIDINE	110-86-1	33	16
@PYRIDINE (TRANSGENIC LECM) (LISTED AS: TRANSGENIC LECM (PYRIDINE))	110-86-1	38	*
@PYRIDINE (TRANSGENIC LECM) (LISTED AS: TRANSGENIC LECM (PYRIDINE))	110-86-1	38	*
PYRILAMINE	91-84-9	33	16
PYRIMETHAMINE	58-14-0	33	16
PYROGALLOL	87-66-1	19	2
QUERCETIN	117-39-5	33	16
@RED 114, C.I. ACID (LISTED AS: C.I. ACID RED 114)	6459-94-5	28	16
@RED 14, C.I. ACID (LISTED AS: C.I. ACID RED 14)	3567-69-9	28	16

@ Denotes common names--see following line for correct name.

* See Appendix, Prechronic Studies for Which Toxicity Technical Reports were not Prepared

Alphabetical Index of Chemicals with Reference Location:

CHEMICAL NAME	CAS NUMBER	PAGE	REF
@RED 9, C.I. ACID	569-61-9	28	16
(LISTED AS: C.I. BASIC RED 9 MONOHYDROCHLORIDE)			
@RED 23, C.I. PIGMENT	6471-49-4	29	16
(LISTED AS: C.I. PIGMENT RED 23)			
@RED 3, C.I. PIGMENT	2425-85-6	28	16
(LISTED AS: C.I. PIGMENT RED 3)			
@RED DOG MINE ORE (ALASKA)	LEADORES	37	*
(LISTED AS: LEAD ORES)			
@RED 3, HC	2871-01-4	30	16
(LISTED AS: HC RED 3)			
@RED NO. 9, D&C	5160-02-1	29	16
(LISTED AS: D & C RED NO. 9)			
RESERPINE	50-55-5	33	16
RESERPINE	50-55-5	38	*
RESORCINOL	108-46-3	33	16
@RESORCINOL (TRANSGENIC MODEL EVALUATION)	108-46-3	24	12
(LISTED AS: TRANSGENIC MODEL EVALUATION (RESORCINOL))			
@RESORCINOL (TRANSGENIC MODEL EVALUATION)	108-46-3	24	12
(LISTED AS: TRANSGENIC MODEL EVALUATION (RESORCINOL))			
RETINOID PROJECT 2 (4-(HYDROXYPHENYL) - RETINAMIDE)	65646-68-6	38	*
RETINOID PROJECT 1	RETINOID1	38	*
RETINOID PROJECT 3 (RETINOL ACETATE)	127-47-9	38	*
RETINOID PROJECT 4 (4-HYDROXYPHENYL) - RETINAMIDE	65646-68-6	38	*
RETINOID PROJECT 5 (4-HYDROXYPHENYL) - RETINAMIDE	65646-68-6	38	*
RETINOID PROJECT 6 (AROTINOID)	125533-88-2	38	*
RETINOID PROJECT 3 (AROTINOID)	125533-88-2	38	*
RETINOID PROJECT 5 (AROTINOID)	125533-88-2	38	*
RETINOID PROJECT 6 (4-HPR)	65646-68-6	38	*
RETROVIRAL VECTORS	RETROVIRVECT	38	*
RETROVIRAL VECTORS	RETROVIRVECT	38	*
RETROVIRAL VECTORS	RETROVIRVECT	38	*
RETROVIRAL VECTORS	RETROVIRVECT	38	*
RHODAMINE 6G	989-38-8	33	16
@RHOTHANE (TDE)	72-54-8	33	16
(LISTED AS: TETRACHLORODIPHENYLETHANE)			
RIDDELLIINE	23246-96-0	23	10
RIDDELLIINE	23246-96-0	26	16
@RITALIN HYDROCHLORIDE	298-59-9	31	16
(LISTED AS: METHYLPHENIDATE HYDROCHLORIDE)			
@RITALIN HYDROCHLORIDE	298-59-9	37	*
(LISTED AS: METHYLPHENIDATE HYDROCHLORIDE)			
ROTENONE	83-79-4	33	16
ROTENONE	83-79-4	35	17
@ROTENONE (TRANSGENIC MODEL EVALUATION)	83-79-4	24	12
(LISTED AS: TRANSGENIC MODEL EVALUATION (ROTENONE))			
@ROTENONE (TRANSGENIC MODEL EVALUATION)	83-79-4	24	12
(LISTED AS: TRANSGENIC MODEL EVALUATION (ROTENONE))			
@ROUNDUP	1071-83-6	26	16
(LISTED AS: GLYPHOSATE)			
@ROUNDUP	1071-83-6	26	16
(LISTED AS: GLYPHOSATE)			
ROXARSONE	121-19-7	33	16
SAFFLOWER OIL	8001-23-8	33	16
SALICYLAZOSULFAPYRIDINE	599-79-1	33	16
SALICYLAZOSULFAPYRIDINE	599-79-1	38	*
SAW PALMETTO AND BETA-SITOSTEROL MIXTURE	SAWPALMETMIX	19	2
SCOPOLAMINE HYDROBROMIDE TRIHYDRATE	6533-68-2	33	16
SCOPOLAMINE HYDROBROMIDE TRIHYDRATE	6533-68-2	38	*
SCOPOLAMINE HYDROBROMIDE TRIHYDRATE	6533-68-2	38	*
@SELENATE, SODIUM	13410-01-0	26	16
(LISTED AS: SODIUM SELENATE)			
@SELENITE, SODIUM	10102-18-8	26	16
(LISTED AS: SODIUM SELENITE)			
SELENIUM SULFIDE	7446-34-6	33	16
SELENIUM SULFIDE	7446-34-6	33	16
SELSUN	EMTDP-74	33	16
SILICA, CRYSTALLINE - QUARTZ	14808-60-7	38	*
SILICA, CRYSTALLINE - QUARTZ	14808-60-7	38	*
SILICA, CRYSTALLINE - QUARTZ	14808-60-7	38	*
@SILYMARIN + MELATONIN (PREVENTION 2)	SILYMARN+MEL	20	5
(LISTED AS: PREVENTION 2 (SILYMARIN + MELATONIN))			
@SILYMARIN (PREVENTION 2)	65666-07-1	20	5
(LISTED AS: PREVENTION 2 (SILYMARIN))			
SIMAZINE	122-34-9	22	7
@BETA-SITOSTEROL + SAW PALMETTO MIXTURE	SAWPALMETMIX	19	2
(LISTED AS: SAW PALMETTO AND BETA-SITOSTEROL MIXTURE)			
SODIUM AZIDE	26628-22-8	33	16
@SODIUM BROMATE (WATER DISINFECTION - MODEL)	7789-38-0	21	5
(LISTED AS: WATER DISINFECTION MODEL (SODIUM - BROMATE))			
@SODIUM BROMATE (WATER DISINFECTION - MODEL)	7789-38-0	21	5
(LISTED AS: WATER DISINFECTION MODEL (SODIUM - BROMATE))			
@SODIUM BROMATE (WATER DISINFECTION - MODEL)	7789-38-0	21	5
(LISTED AS: WATER DISINFECTION MODEL (SODIUM - BROMATE))			
@SODIUM CHLORATE (WATER DISINFECTION - BYPRODUCTS)	7775-09-9	22	7
(LISTED AS: WATER DISINFECTION BYPRODUCTS (SODIUM - CHLORATE))			
SODIUM CYANIDE	143-33-9	26	16
SODIUM DIETHYLDITHIOCARBAMATE	148-18-5	33	16
SODIUM FLUORIDE	7681-49-4	33	16
SODIUM NITRITE	7632-00-0	24	14
SODIUM NITRITE	7632-00-0	38	*
SODIUM SELENATE	13410-01-0	26	16
SODIUM SELENITE	10102-18-8	26	16
SODIUM THIOGLYCOLATE	367-51-1	20	4
SODIUM XYLENESULFONATE	1300-72-7	33	16
SODIUM XYLENESULFONATE	1300-72-7	38	*
ALPHA-SOLANINE	20562-02-1	19	2
@SPY DUST	2608-48-2	37	*
(LISTED AS: 5-(4-NITROPHENYL)-2,4-PENTADIEN-1-AL - (NPPD))			
@SPY DUST	2608-48-2	37	*
(LISTED AS: 5-(4-NITROPHENYL)-2,4-PENTADIEN-1-AL - (NPPD))			
STANNOUS CHLORIDE	7772-99-8	33	16
STODDARD SOLVENT (IA)	STODSOLV IA	20	4
STODDARD SOLVENT (TYPE IIC)	64742-88-7	21	6
STREPTOZOTOCIN	18883-66-4	35	17
STYRENE	100-42-5	33	16
STYRENE	100-42-5	38	*
STYRENE-ACRYLONITRILE TRIMER	SANTRIMER2	19	2
STYRENE OXIDE	96-09-3	35	17
SUCCINIC ANHYDRIDE	108-30-5	33	16
SULFALLATE	95-06-7	33	16
SULFAMETHAZINE	57-68-1	33	16
SULFAMETHAZINE	57-68-1	33	16
SULFISOXAZOLE	127-69-5	33	16
3-SULFOLENE	77-79-2	33	16
4,4'-SULFONYLDIANILINE (DAPSONE)	80-08-0	33	16
@SUNETT	55589-62-3	21	5
(LISTED AS: TRANSGENIC MODEL EVALUATION II - (ACESULFAME POTASSIUM))			
@SYMPHYTINE + COMFREY MIXTURE	COMFREYMIX	19	2
(LISTED AS: COMFREY + SYMPHYTINE MIXTURE)			
TALC	14807-96-6	33	16
TARA GUM	39300-88-4	33	16
@TBBC	96-69-5	34	16
(LISTED AS: 4,4-THIOBIS(6-TERT-BUTYL-M-CRESOL))			
@TBBC	96-69-5	38	*
(LISTED AS: 4,4-THIOBIS(6-TERT-BUTYL-M-CRESOL))			
@TBE	79-27-6	26	16
(LISTED AS: HALOGENATED ETHANES CS (1,1,2,2- - TETRABROMOETHANE))			
@TCAB	14047-09-7	20	4
(LISTED AS: 3,3',4,4'-TETRACHLOROAZOBENZENE)			
@TCAB	14047-09-7	26	16
(LISTED AS: 3,3',4,4'-TETRACHLOROAZOBENZENE)			
@TCAOB	21232-47-3	26	16
(LISTED AS: 3,3',4,4'-TETRACHLOROAZOXYBENZENE)			

@ Denotes common names--see following line for correct name.

* See Appendix, Prechronic Studies for Which Toxicity Technical Reports were not Prepared

Alphabetical Index of Chemicals with Reference Location:

CHEMICAL NAME	CAS NUMBER	PAGE	REF
@TCDD	1746-01-6	21	6
(LISTED AS: TRANSGENIC MODEL EVALUATION (2,3,7,8- - TETRACHLORODIBENZODIOXIN))			
@TCDD	1746-01-6	21	6
(LISTED AS: TRANSGENIC MODEL EVALUATION (2,3,7,8- - TETRACHLORODIBENZODIOXIN))			
@TCDD	1746-01-6	24	12
(LISTED AS: TRANSGENIC MODEL EVALUATION (2,3,7,8- - TETRACHLORODIBENZODIOXIN))			
@TCDD	1746-01-6	24	12
(LISTED AS: TRANSGENIC MODEL EVALUATION (2,3,7,8- - TETRACHLORODIBENZODIOXIN))			
@TCDD	1746-01-6	33	16
(LISTED AS: 2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN)			
@TCDD	1746-01-6	33	16
(LISTED AS: 2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN)			
@TCDD (TOXIC EQUIVALENCY FACTOR - EVALUATION)	1746-01-6	22	8
(LISTED AS: TOXIC EQUIVALENCY FACTOR EVALUATION - (TCDD))			
@TELONE II	542-75-6	29	16
(LISTED AS: 1,3-DICHLOROPROPENE (TELONE II))			
@TEMIK	116-06-3	27	16
(LISTED AS: ALDICARB)			
@1,1,1,2-TETRABROMOETHANE (HALOGENATED - ETHANES CS)	630-16-0	26	16
(LISTED AS: HALOGENATED ETHANES CS (1,1,1,2- - TETRABROMOETHANE))			
@1,1,1,2-TETRACHLOROETHANE (HALOGENATED - ETHANES CS)	630-20-6	26	16
(LISTED AS: HALOGENATED ETHANES CS (1,1,1,2- - TETRACHLOROETHANE))			
3,3',4,4'-TETRACHLOROAZOBENZENE	14047-09-7	20	4
3,3',4,4'-TETRACHLOROAZOBENZENE	14047-09-7	26	16
3,3',4,4'-TETRACHLOROAZOXYBENZENE	21232-47-3	26	16
1,2,4,5-TETRACHLOROBENZENE	95-94-3	26	16
2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	1746-01-6	33	16
2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	1746-01-6	33	16
@2,3,7,8-TETRACHLORODIBENZODIOXIN - (TRANSGENIC MODEL EVALUATION)	1746-01-6	21	6
(LISTED AS: TRANSGENIC MODEL EVALUATION (2,3,7,8- - TETRACHLORODIBENZODIOXIN))			
@2,3,7,8-TETRACHLORODIBENZODIOXIN - (TRANSGENIC MODEL EVALUATION)	1746-01-6	21	6
(LISTED AS: TRANSGENIC MODEL EVALUATION (2,3,7,8- - TETRACHLORODIBENZODIOXIN))			
@2,3,7,8-TETRACHLORODIBENZODIOXIN - (TRANSGENIC MODEL EVALUATION)	1746-01-6	24	12
(LISTED AS: TRANSGENIC MODEL EVALUATION (2,3,7,8- - TETRACHLORODIBENZODIOXIN))			
@2,3,7,8-TETRACHLORODIBENZODIOXIN - (TRANSGENIC MODEL EVALUATION)	1746-01-6	24	12
(LISTED AS: TRANSGENIC MODEL EVALUATION (2,3,7,8- - TETRACHLORODIBENZODIOXIN))			
TETRACHLORODIPHENYLETHANE	72-54-8	33	16
1,1,1,2-TETRACHLOROETHANE	630-20-6	33	16
1,1,2,2-TETRACHLOROETHANE	79-34-5	21	6
1,1,2,2-TETRACHLOROETHANE	79-34-5	21	6
1,1,2,2-TETRACHLOROETHANE	79-34-5	23	12
1,1,2,2-TETRACHLOROETHANE	79-34-5	33	16
@1,1,2,2-TETRACHLOROETHANE (HALOGENATED - ETHANES CS)	79-34-5	26	16
(LISTED AS: HALOGENATED ETHANES CS (1,1,2,2- - TETRACHLOROETHANE))			
TETRACHLOROETHYLENE	127-18-4	33	16
TETRACHLOROETHYLENE	127-18-4	33	16
2,3,5,6-TETRACHLORO-4-NITROANISOLE	2438-88-2	33	16
TETRACHLOROPHTHALIC ANHYDRIDE	117-08-8	26	16
TETRACHLORVINPHOS	961-11-5	33	16
TETRACYCLINE HYDROCHLORIDE	64-75-5	33	16
TETRADECANOYL PHORBOL ACETATE (TPA)	16561-29-8	21	5
@TETRADECANOYLPHORBOL ACETATE (TPA)	INIT/PROM	31	16
(LISTED AS: INIT/PROM COMPARATIVE MOUSE STUDY - (DMBA/TPA/BPO/MNNG))			
@TETRADECANOYLPHORBOL ACETATE (TPA)	INIT/PROM	31	16
(LISTED AS: INIT/PROM COMPARATIVE MOUSE STUDY - (DMBA/TPA/BPO/MNNG))			
@TETRADECANOYL PHORBOL ACETATE (TPA) - (TRANSGENIC LECM)	16561-29-8	38	*
(LISTED AS: TRANSGENIC LECM (TETRADECANOYL PHORBOL - ACETATE (TPA)))			
TETRAETHYLTHIURAM DISULFIDE	97-77-8	33	16
TETRAFLUOROETHYLENE	116-14-3	33	16
TETRAFLUOROETHYLENE	116-14-3	38	*
1-TRANS-DELTA-9-TETRAHYDROCANNABINOL	1972-08-3	33	16
1-TRANS-DELTA-9-TETRAHYDROCANNABINOL	1972-08-3	38	*
TETRAHYDROFURAN	109-99-9	33	16
TETRAHYDROFURAN	109-99-9	38	*
TETRAHYDROFURAN	109-99-9	38	*
TETRAKIS(HYDROXYMETHYL)PHOSPHONIUM - CHLORIDE	124-64-1	33	16
TETRAKIS(HYDROXYMETHYL)PHOSPHONIUM - SULFATE	55566-30-8	33	16
TETRALIN	119-64-2	23	12
TETRANITROMETHANE	509-14-8	33	16
THEOPHYLLINE	58-55-9	34	16
THEOPHYLLINE	58-55-9	38	*
THEOPHYLLINE	58-55-9	38	*
@THIO-TEPA	52-24-4	34	16
(LISTED AS: TRIS(AZIRIDINYL)-PHOSPHINE SULFIDE - (THIO-TEPA))			
4,4-THIOBIS(6-TERT-BUTYL-M-CRESOL)	96-69-5	34	16
4,4-THIOBIS(6-TERT-BUTYL-M-CRESOL)	96-69-5	38	*
4,4'-THIODIANILINE	139-65-1	34	16
BETA-THIOGUANIDINE DEOXYRIBOSIDE	789-61-7	34	16
THIOPHENE	110-02-1	38	*
@THPC	124-64-1	33	16
(LISTED AS: TETRAKIS(HYDROXYMETHYL)PHOSPHONIUM - CHLORIDE)			
@THPS	55566-30-8	33	16
(LISTED AS: TETRAKIS(HYDROXYMETHYL)PHOSPHONIUM - SULFATE)			
ALPHA-THUJONE	546-80-5	20	3
ALPHA/BETA THUJONE MIXTURE	THUJONEMIXAB	19	2
TITANIUM DIOXIDE	13463-67-7	34	16
TITANOCENE DICHLORIDE	1271-19-8	34	16
@TMPTA	15625-89-5	21	6
(LISTED AS: TRIMETHYLOLPROPANE TRIACRYLATE)			
@TMPTA	15625-89-5	24	12
(LISTED AS: TRIMETHYLOLPROPANE TRIACRYLATE)			
D-ALPHA-TOCOPHERYL ACETATE	58-95-7	38	*
TOLAZAMIDE	1156-19-0	34	16
TOLBUTAMIDE	64-77-7	34	16
TOLUENE	108-88-3	34	16
TOLUENE	108-88-3	38	*
2,6-TOLUENEDIAMINE DIHYDROCHLORIDE (2, - 6-DIAMINOTOLUENE DIHYDROCHLORIDE)	15481-70-6	34	16
2,5-TOLUENEDIAMINE SULFATE	6369-59-1	34	16
2,4- & 2,6-TOLUENE DIISOCYANATE	26471-62-5	34	16
O-TOLUIDINE HYDROCHLORIDE	636-21-5	26	16
O-TOLUIDINE HYDROCHLORIDE	636-21-5	34	16
TOXAPHENE	8001-35-2	34	16
TOXIC EQUIVALENCY FACTOR EVALUATION - (BINARY MIXTURE)	TEFBINARYMIX	22	7
TOXIC EQUIVALENCY FACTOR EVALUATION - (DIOXIN MIXTURE)	TEFDIOXINMIX	22	8
TOXIC EQUIVALENCY FACTOR EVALUATION - (PCB 153- 2,2'-4,4',5,5'-HEXACHLOROBIPHENYL)	35065-27-1	22	7
TOXIC EQUIVALENCY FACTOR EVALUATION (- (PCB 118) 2,3',4,4',5-PENTACHLOROBIPHENYL)	31508-00-6	22	7
TOXIC EQUIVALENCY FACTOR EVALUATION (- (PCB-126)3,3',4,4',5-PENTACHLOROBIPHENYL)	57465-28-8	22	8
TOXIC EQUIVALENCY FACTOR EVALUATION (- (PECDF) PENTACHLORODIBENZOFURAN)	57117-31-4	22	7

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Alphabetical Index of Chemicals with Reference Location:

CHEMICAL NAME	CAS NUMBER	PAGE	REF
TOXIC EQUIVALENCY FACTOR EVALUATION - (TCDD)	1746-01-6	22	8
TRANSGENIC LECM (1-CHLORO-2-PROPANOL, - TECHNICAL)	127-00-4	38	*
TRANSGENIC LECM (1-CHLORO-2-PROPANOL, - TECHNICAL)	127-00-4	38	*
TRANSGENIC LECM (COCONUT OIL ACID - DIETHANOLAMINE CONDENSATE)	68603-42-9	38	*
TRANSGENIC LECM (COCONUT OIL ACID - DIETHANOLAMINE CONDENSATE)	68603-42-9	38	*
TRANSGENIC LECM (FURFURYL ALCOHOL)	98-00-0	38	*
TRANSGENIC LECM (LAURIC ACID - DIETHANOLAMINE CONDENSATE)	120-40-1	38	*
TRANSGENIC LECM (LAURIC ACID - DIETHANOLAMINE CONDENSATE)	120-40-1	38	*
TRANSGENIC LECM (OLEIC ACID - DIETHANOLAMINE CONDENSATE)	93-83-4	38	*
TRANSGENIC LECM (OLEIC ACID - DIETHANOLAMINE CONDENSATE)	93-83-4	38	*
TRANSGENIC LECM (PENTACHLOROPHENOL)	87-86-5	38	*
TRANSGENIC LECM (PENTACHLOROPHENOL)	87-86-5	38	*
TRANSGENIC LECM (PYRIDINE)	110-86-1	38	*
TRANSGENIC LECM (PYRIDINE)	110-86-1	38	*
TRANSGENIC LECM (TETRADECANOYL PHORBOL - ACETATE (TPA))	16561-29-8	38	*
TRANSGENIC LEP (P-ANISIDINE - HYDROCHLORIDE)	20265-97-8	38	*
TRANSGENIC LEP (CYCLOSPORIN A)	59865-13-3	38	*
TRANSGENIC LEP (MELPHALAN)	148-82-3	38	*
TRANSGENIC LEP (P-CRESIDINE)	120-71-8	38	*
TRANSGENIC LEP (RESORCINOL)	108-46-3	38	*
TRANSGENIC LEP (VINYL CARBAMATE)	15805-73-9	38	*
TRANSGENIC MODEL EVALUATION (P- - ANISIDINE HCL)	20265-97-8	23	12
TRANSGENIC MODEL EVALUATION - (BROMODICHLOROMETHANE)	75-27-4	38	*
TRANSGENIC MODEL EVALUATION - (BROMODICHLOROMETHANE)	75-27-4	38	*
TRANSGENIC MODEL EVALUATION - (CYCLOPHOSPHAMIDE MONOHYDRATE)	6055-19-2	21	6
TRANSGENIC MODEL EVALUATION - (CYCLOPHOSPHAMIDE MONOHYDRATE)	6055-19-2	21	6
TRANSGENIC MODEL EVALUATION - (CYCLOSPORIN A)	59865-13-3	23	12
TRANSGENIC MODEL EVALUATION - (CYCLOSPORIN A)	59865-13-3	23	12
TRANSGENIC MODEL EVALUATION (DES)	56-53-1	21	5
TRANSGENIC MODEL EVALUATION (DES)	56-53-1	21	6
TRANSGENIC MODEL EVALUATION (DES)	56-53-1	23	12
TRANSGENIC MODEL EVALUATION (DES)	56-53-1	23	12
TRANSGENIC MODEL EVALUATION (2,4- - DIAMINOTOLUENE)	95-80-7	23	12
TRANSGENIC MODEL EVALUATION (2,4- - DIAMINOTOLUENE)	95-80-7	23	12
TRANSGENIC MODEL EVALUATION (2,6- - DIAMINOTOLUENE HCL)	15481-70-6	24	12
TRANSGENIC MODEL EVALUATION (2,6- - DIAMINOTOLUENE HCL)	15481-70-6	24	12
TRANSGENIC MODEL EVALUATION (DI(2- - ETHYLHEXYL) PHTHALATE)	117-81-7	21	6
TRANSGENIC MODEL EVALUATION (DI(2- - ETHYLHEXYL) PHTHALATE)	117-81-7	21	6
TRANSGENIC MODEL EVALUATION (ETHINYL - ESTRADIOL)	57-63-6	21	5
TRANSGENIC MODEL EVALUATION (ETHINYL - ESTRADIOL)	57-63-6	21	5
TRANSGENIC MODEL EVALUATION (8- - HYDROXYQUINOLINE)	148-24-3	24	12
TRANSGENIC MODEL EVALUATION (8- - HYDROXYQUINOLINE)	148-24-3	24	12
TRANSGENIC MODEL EVALUATION II - (ACESULFAME POTASSIUM)	55589-62-3	21	5
TRANSGENIC MODEL EVALUATION II - (ASPARTAME)	22839-47-0	21	5
TRANSGENIC MODEL EVALUATION II - (ASPARTAME)	22839-47-0	21	5
TRANSGENIC MODEL EVALUATION II (BENZENE)	71-43-2	21	5
TRANSGENIC MODEL EVALUATION II - (GLYCIDOL)	556-52-5	21	5
TRANSGENIC MODEL EVALUATION II - (PHENOLPHTHALEIN)	77-09-8	21	5
TRANSGENIC MODEL EVALUATION (MELPHALAN)	148-82-3	21	5
TRANSGENIC MODEL EVALUATION (MELPHALAN)	148-82-3	21	6
TRANSGENIC MODEL EVALUATION (MELPHALAN)	148-82-3	21	6
TRANSGENIC MODEL EVALUATION (MELPHALAN)	148-82-3	24	12
TRANSGENIC MODEL EVALUATION (MELPHALAN)	148-82-3	24	12
TRANSGENIC MODEL EVALUATION (N- - METHYLOLACRYLAMIDE)	924-42-5	24	12
TRANSGENIC MODEL EVALUATION (N- - METHYLOLACRYLAMIDE)	924-42-5	24	12
TRANSGENIC MODEL EVALUATION - (METHYLPHENIDATE HYDROCHLORIDE)	298-59-9	21	6
TRANSGENIC MODEL EVALUATION - (PHENOLPHTHALEIN)	77-09-8	38	*
TRANSGENIC MODEL EVALUATION (RESORCINOL)	108-46-3	24	12
TRANSGENIC MODEL EVALUATION (RESORCINOL)	108-46-3	24	12
TRANSGENIC MODEL EVALUATION (ROTENONE)	83-79-4	24	12
TRANSGENIC MODEL EVALUATION (ROTENONE)	83-79-4	24	12
TRANSGENIC MODEL EVALUATION (2,3,7,8- - TETRACHLORODIBENZODIOXIN)	1746-01-6	21	6
TRANSGENIC MODEL EVALUATION (2,3,7,8- - TETRACHLORODIBENZODIOXIN)	1746-01-6	21	6
TRANSGENIC MODEL EVALUATION (2,3,7,8- - TETRACHLORODIBENZODIOXIN)	1746-01-6	24	12
TRANSGENIC MODEL EVALUATION (2,3,7,8- - TETRACHLORODIBENZODIOXIN)	1746-01-6	24	12
TRANSGENIC MODEL EVALUATION (WY-14643)	50892-23-4	21	6
TRANSGENIC MODEL EVALUATION (WY-14643)	50892-23-4	21	6
TRANSGENIC LECM (DIETHANOLAMINE)	111-42-2	38	*
@TREMOLITE ASBESTOS (LISTED AS: ASBESTOS, TREMOLITE)	14567-73-8	27	16
TRIAMTERENE	396-01-0	34	16
TRIAMTERENE	396-01-0	38	*
TRIBROMOMETHANE	75-25-2	34	16
TRICAPRYLIN	538-23-8	34	16
TRICHLORFON	52-68-6	38	*
1,1,1-TRICHLOROETHANE	71-55-6	24	14
1,1,1-TRICHLOROETHANE	71-55-6	34	16
1,1,2-TRICHLOROETHANE	79-00-5	34	16
@1,1,1-TRICHLOROETHANE (HALOGENATED - ETHANES CS) (LISTED AS: HALOGENATED ETHANES CS (1,1,1- - TRICHLOROETHANE))	71-55-6	26	16
TRICHLOROETHYLENE	79-01-6	34	16
TRICHLOROETHYLENE	79-01-6	34	16
TRICHLOROETHYLENE	79-01-6	34	16
TRICHLOROETHYLENE	79-01-6	34	16
TRICHLOROETHYLENE	79-01-6	38	*
TRICHLOROETHYLENE	79-01-6	38	*
TRICHLOROFLUOROMETHANE	75-69-4	34	16
2,4,6-TRICHLOROPHENOL	88-06-2	34	16
1,2,3-TRICHLOROPROPANE	96-18-4	34	16
1,2,3-TRICHLOROPROPANE	96-18-4	38	*
@1,1,1-TRICHLORO-2,2,2-TRIFLUOROETHANE - (HALOGENATED ETHANES CS) (LISTED AS: HALOGENATED ETHANES CS (1,1,1-TRICHLORO-- 2,2,2-TRIFLUOROETHANE))	354-58-5	26	16
TRICRESYL PHOSPHATE	1330-78-5	34	16
TRICRESYL PHOSPHATE	1330-78-5	38	*
TRIETHANOLAMINE	102-71-6	22	7
TRIETHANOLAMINE	102-71-6	34	16
TRIETHANOLAMINE	102-71-6	39	*
TRIETHANOLAMINE	102-71-6	39	*
TRIETHANOLAMINE	102-71-6	39	*
TRIETHYLAMINE	121-44-8	19	2
TRIFLURALIN	1582-09-8	34	16
TRIMELLITIC ANHYDRIDE	552-30-7	39	*
TRIMELLITIC ANHYDRIDE	552-30-7	39	*

@ Denotes common names--see following line for correct name.

* See Appendix, Prechronic Studies for Which Toxicity Technical Reports were not Prepared

Alphabetical Index of Chemicals with Reference Location:

CHEMICAL NAME	CAS NUMBER	PAGE	REF
2,4,5-TRIMETHYLANILINE	137-17-7	34	16
TRIMETHYLOLPROPANE TRIACRYLATE	15625-89-5	21	6
TRIMETHYLOLPROPANE TRIACRYLATE	15625-89-5	24	12
TRIMETHYLPHOSPHATE	512-56-1	34	16
TRIMETHYLTHIOUREA	2489-77-2	34	16
2,4,7-TRINITRO-FLUOREN-9-ONE	129-79-3	26	16
2,4,7-TRINITRO-FLUOREN-9-ONE	129-79-3	26	16
TRIPELENNAMINE HYDROCHLORIDE	154-69-8	39	*
TRIPHENYLTIN HYDROXIDE	76-87-9	34	16
TRIPROLIDINE	486-12-4	34	16
TRIS(AZIRIDINYL)-PHOSPHINE SULFIDE (THIO-TEPA) -	52-24-4	34	16
TRIS(2-CHLOROETHYL) PHOSPHATE	115-96-8	34	16
TRIS(2,3-DIBROMOPROPYL) PHOSPHATE	126-72-7	34	16
TRIS(2-ETHYLHEXYL)PHOSPHATE	78-42-2	34	16
TRISODIUM ETHYLENEDIAMINETETRAACETATE TRIHYDRATE (EDTA) -	150-38-9	34	16
L-TRYPTOPHAN	73-22-3	34	16
TURMERIC, OLEORESIN (CURCUMIN)	8024-37-1	34	16
URACIL MUSTARD	66-75-1	35	17
URETHANE	51-79-6	22	8
URETHANE	51-79-6	26	16
URETHANE + ETHANOL (COMBINATION)	URETHCOMB	22	8
URETHANE + ETHANOL (COMBINATION)	URETHCOMB	26	16
VANADIUM PENTOXIDE	1314-62-1	23	11
VANADIUM PENTOXIDE	1314-62-1	39	*
VINBLASTINE	865-21-4	35	17
VINCRISTINE	57-22-7	35	17
4-VINYLCYCLOHEXENE	100-40-3	34	16
4-VINYL-1-CYCLOHEXENE DIEPOXIDE	106-87-6	34	16
VINYLIDENE CHLORIDE	75-35-4	34	16
VINYLIDENE FLUORIDE	75-38-7	39	*
VINYL TOLUENE	25013-15-4	34	16
@VITAMIN C (LISTED AS: L-ASCORBIC ACID)	50-81-7	27	16
@VITAMIN E ACETATE (LISTED AS: D-ALPHA-TOCOPHERYL ACETATE)	58-95-7	38	*
WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID) -	5589-96-8	21	5
WATER DISINFECTION BYPRODUCTS (BROMODICHLOROACETIC ACID) -	71133-14-7	20	4
WATER DISINFECTION BYPRODUCTS (BROMODICHLOROMETHANE) -	75-27-4	22	7
WATER DISINFECTION BYPRODUCTS (DIBROMOACETIC ACID) -	631-64-1	22	7
WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE) -	3252-43-5	20	4
WATER DISINFECTION BYPRODUCTS (DICHLOROACETIC ACID) -	79-43-6	21	5
WATER DISINFECTION BYPRODUCTS (SODIUM CHLORATE) -	7775-09-9	22	7
WATER DISINFECTION MODEL (BROMODICHLOROMETHANE) -	75-27-4	21	5
WATER DISINFECTION MODEL (BROMODICHLOROMETHANE) -	75-27-4	21	5
WATER DISINFECTION MODEL (BROMODICHLOROMETHANE) -	75-27-4	21	5
WATER DISINFECTION MODEL (BROMODICHLOROMETHANE) -	75-27-4	21	5
WATER DISINFECTION MODEL (BROMODICHLOROMETHANE) -	75-27-4	21	5
WATER DISINFECTION MODEL (DICHLOROACETIC ACID) -	79-43-6	21	5
WATER DISINFECTION MODEL (DICHLOROACETIC ACID) -	79-43-6	21	5
WATER DISINFECTION MODEL (DICHLOROACETIC ACID) -	79-43-6	21	5
WATER DISINFECTION MODEL (SODIUM BROMATE) -	7789-38-0	21	5
WATER DISINFECTION MODEL (SODIUM BROMATE) -	7789-38-0	21	5
WATER DISINFECTION MODEL (SODIUM BROMATE) -	7789-38-0	21	5
@WEST FORK MINE ORE (MISSOURI) (LISTED AS: LEAD ORES)	LEADORES	37	*
WOLLASTONITE CALCIUM SILICATES	13983-17-0	35	17
@WY-14643 (PEROXISOME PROJECT) (LISTED AS: PEROXISOME PROJECT (WY-14643))	50892-23-4	23	12
@WY-14643 (TRANSGENIC MODEL EVALUATION) (LISTED AS: TRANSGENIC MODEL EVALUATION (WY-14643))	50892-23-4	21	6
@WY-14643 (TRANSGENIC MODEL EVALUATION) (LISTED AS: TRANSGENIC MODEL EVALUATION (WY-14643))	50892-23-4	21	6
XYLENES (MIXED)	1330-20-7	34	16
2,6-XYLIDINE	87-62-7	34	16
@YELLOW 12, C.I. PIGMENT (LISTED AS: DIARYLANILIDE YELLOW)	6358-85-6	29	16
@YELLOW 3, C.I. DISPERSE (LISTED AS: C.I. DISPERSE YELLOW 3)	2832-40-8	28	16
@YELLOW 14, C.I. SOLVENT (LISTED AS: C.I. SOLVENT YELLOW 14)	842-07-9	29	16
@YELLOW 4, C.I. VAT (LISTED AS: C.I. VAT YELLOW 4)	128-66-5	29	16
@YELLOW 4, HC (LISTED AS: HC YELLOW 4)	59820-43-8	30	16
@YELLOW NO. 11, D & C (LISTED AS: D & C YELLOW NO. 11)	8003-22-3	25	16
@YELLOW NO. 11, D & C (LISTED AS: D & C YELLOW NO. 11)	8003-22-3	29	16
@YELLOW NO. 6, FD & C (LISTED AS: FD & C YELLOW NO. 6)	2783-94-0	30	16
ZEARALENONE	17924-92-4	34	16
ZIRAM	137-30-4	34	16

@ Denotes common names--see following line for correct name.

* See Appendix, Prechronic Studies for Which Toxicity Technical Reports were not Prepared

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Chemicals Selected for General Toxicology Study by the NTP

THERE ARE NO CHEMICALS FOR THIS REFERENCE

REF. NO. 2

Chemicals with Project Leader Assigned/Study in Design

CHEMICAL NAME	PRIMARY CAS NUMBER	USE
2-ACETYLPYRIDINE	1122-62-9	FOOD/N/S
ALPHA-HYDROXY ACIDS (GLYCOLIC ACID)	79-14-1	COSM/N/S
ALPHA-HYDROXY ACIDS (LACTIC ACID)	50-21-5	COSM/N/S
AMMONIUM MOLYBDATE	12027-67-7	OCCH/SYN
ANNATTO	1393-63-1	FOOD/NATL
ARSENIC TRIOXIDE	1327-53-3	PEST/N/S
ASBESTOS FIBERS	ASBESTOSFIB	NATL/N/S
ASPHALT FUMES	8052-42-4	MINL/SYN
BENTONITE	1302-78-9	OCCH/NATL
5,6-BENZOFLAVONE	6051-87-2	PHAR/SYN
1-BROMOPROPANE	106-94-5	REAG/SYN
2-BROMOPROPANE	75-26-3	REAG/SYN
2,3-BUTANEDIONE	431-03-8	FOOD/N/S
2-BUTYNE-1,4-DIOL	110-65-6	INTR/SYN
CELLULOSE INSULATION	CELLULOSEINS	PAPR/SYN
CHROMIUM PICOLINATE	14639-25-9	PHAR/SYN
COMFREY + SYMPHYTINE MIXTURE	COMFREYMIX	PHAR/NATL
CUMENE HYDROPEROXIDE	80-15-9	INTR/SYN
CYANOGEN CHLORIDE	506-77-4	WATR/SYN
1,3-DICHLORO-2-BUTENE	926-57-8	INTR/SYN
DIETHYLAMINE	109-89-7	INTR/S/N
DIMETHYL ADIPATE	627-93-0	PNT
ECHINACEA PURPUREA, EXT.	90028-20-9	PHAR/NATL
ESTRAGOLE	140-67-0	FOOD/NATL
ETHIDIUM BROMIDE	1239-45-8	LABC/SYN
FLUASTERONE	112859-71-9	PHAR/SYN
GINSENG	50647-08-0	PHAR/NATL
INDOLE-3-CARBINOL	700-06-1	FOOD/N/S
ISOPROPYLAMINE	75-31-0	INTR/N/S
JUGLONE	481-39-0	FOOD/NATL
KAVA KAVA EXTRACT	9000-38-8	PHAR
LUMINOL	521-31-3	LABC/SYN
MILK THISTLE EXTRACT	84604-20-6	PHAR/NATL
MYRISTICIN	607-91-0	FOOD/NATL
BETA-PICOLINE	108-99-6	SOLV/SYN
POTASSIUM FERRICYANIDE	13746-66-2	PHOT/SYN
PYROGALLOL	87-66-1	NATL/N/S
SAW PALMETTO AND BETA-SITOSTEROL MIXTURE	SAWPALMETMIX	NATL/NATL
ALPHA-SOLANINE	20562-02-1	NATL/N/S
STYRENE-ACRYLONITRILE TRIMER	SANTRIMER2	
ALPHA/BETA THUJONE MIXTURE	THUJONEMIXAB	NATL/NATL
TRIETHYLAMINE	121-44-8	INTR/SYN

REF. NO. 3

Chemicals Approved for Toxicology/Carcinogenesis Study

CHEMICAL NAME	PRIMARY CAS NUMBER	USE
CARBONYL SULFIDE	463-58-1	INTR/SYN

Chemicals Approved for Toxicology/Carcinogenesis Study

CHEMICAL NAME	PRIMARY CAS NUMBER	USE
BIS(2-CHLOROETHOXY)METHANE	111-91-1	SOLV/SYN
FORMAMIDE	75-12-7	SOLV/SYN
GINKGO BILOBA EXTRACT	90045-36-6	PHAR/NATL
1,2,3,4,6,7-HEXACHLORONAPHTHALENE (PCN 66)	103426-96-6	
1,2,3,5,6,7-HEXACHLORONAPHTHALENE (PCN 67)	103426-97-7	
5-(HYDROXYMETHYL)-2-FURFURAL	67-47-0	NATL/N/S
ISOEUGENOL	97-54-1	FOOD/NATL
MELATONIN	73-31-4	NATL/N/S
METHYLEUGENOL	93-15-2	FOOD/NATL
METHYL TRANS-STYRYL KETONE	1896-62-4	INTR/SYN
METHYL TRANS-STYRYL KETONE	1896-62-4	INTR/SYN
BETA-MYRCENE	123-35-3	COSM/N/S
POWDERED ROOT OF GOLDENSEAL	GOLDENSEALRT	NATL/NATL
PULEGONE	89-82-7	FOOD/N/S
ALPHA-THUJONE	546-80-5	NATL/NATL

REF. NO. 4

Chemicals Assigned to Laboratory for Toxicology/Carcinogenesis Study

CHEMICAL NAME	PRIMARY CAS NUMBER	USE	ROUTE	SPEC
ANDROSTENEDIONE	63-05-8	FOOD/SYN	GAV	RM
ANDROSTENEDIONE	63-05-8	FOOD/SYN	SP	RM
O-CHLOROPYRIDINE	109-09-1	INTR/SYN	SP	RM
DIMETHYLAMINOPROPYL CHLORIDE, HYDROCHLORIDE	5407-04-5	INTR/SYN	GAV	RM
HEXACHLOROBENZENE	118-74-1	PEST/SYN	GAV	R
2-HYDROXY-4-METHOXYBENZOPHENONE	131-57-7	COSM/SYN	FEED	RM
ALPHA-METHYLSTYRENE	98-83-9	INTR	INHAL	RM
M-NITROTOLUENE	99-08-1	DYE /SYN	FEED	RM
PROPARGYL ALCOHOL	107-19-7	INTR/SYN	INHAL	RM
SODIUM THIOGLYCOLATE	367-51-1	COSM/SYN	SP	RM
STODDARD SOLVENT (IA)	STODSOLV IA	SOLV/SYN	INHAL	RM
3,3',4,4'-TETRACHLOROAZOBENZENE	14047-09-7	HERB/SYN	GAV	RM
WATER DISINFECTION BYPRODUCTS (BROMODICHLOROACETIC ACID)	71133-14-7	ENVH/NATL	WATER	RM
WATER DISINFECTION BYPRODUCTS (DIBROMOACETONITRILE)	3252-43-5	INTR	WATER	RM

REF. NO. 5

Prechronic Studies in Progress

CHEMICAL NAME	PRIMARY CAS NUMBER	USE	ROUTE	SPEC	RPD D* START DATE	SUBCHR START DATE
ALLYL BROMIDE	106-95-6	INTR/SYN	GAV	MM	09/98A	04/99A
ALLYL BROMIDE	106-95-6	INTR/SYN	SP	M	09/98A	
ALLYL BROMIDE	106-95-6	INTR/SYN	GAV	MM		03/99A
3-CHLORO-4-(DICHLOROMETHYL)-5-HYDROXY-2(5H)-FURANONE(MX)	77439-76-0	COMT	WATER	RM	04/99A	
CUMENE	98-82-8	SOLV/N/S	INHAL	RM	04/00A	07/00A
1,2-DIBROMO-2,4-DICYANOBUTANE	35691-65-7	FUNG/SYN	SP	RM		02/00A
DIMETHYLAMINOPROPYL CHLORIDE, HYDROCHLORIDE	5407-04-5	INTR/SYN	GAV	RM		06/00A
PREVENTION 2 (MELATONIN)	73-31-4	PHAR/N/S	FEED	M		04/99A
PREVENTION 2 (SILYMARIN)	65666-07-1	PHAR/NATL	FEED	M		04/99A
PREVENTION 2 (SILYMARIN + MELATONIN)	SILYMARN+MEL	PHAR/N/S	FEED	M		04/99A
PREVENTION 3 (MELATONIN)	73-31-4	PHAR/N/S	FEED	M 3		01/00A

* RPD D = REPEATED DOSE; SUBCHR = SUBCHRONIC; (A)CTUAL OR (E)STIMATED DATES

Prechronic Studies in Progress

CHEMICAL NAME	PRIMARY CAS NUMBER	USE	ROUTE	SPEC	RPD D* START DATE	SUBCHR START DATE
PREVENTION 4 (CURCUMIN)	458-37-7	FOOD/NATL	FEED	M		05/00A
PREVENTION 4 (INDOLE-3-CARBINOL)	700-06-1	FOOD/N/S	FEED	M		05/00A
PREVENTION 4 (MELATONIN)	73-31-4	PHAR/NATL	FEED	M		05/00A
PREVENTION 4 (MELATONIN + CURCUMIN)	MEL+CURCUMIN	DYE /NATL	FEED	M		05/00A
PREVENTION 4 (MELATONIN+INDOLE-3-CARBINOL)	MEL+INDOLCAR	PHAR	FEED	M		05/00A
TETRADECANOYL PHORBOL ACETATE (TPA)	16561-29-8	REAG/NATL	SP	M		03/99A
TRANSGENIC MODEL EVALUATION (DES)	56-53-1	PHAR/SYN	SP	MM	11/98A	04/99A
TRANSGENIC MODEL EVALUATION (ETHINYL ESTRADIOL)	57-63-6	PHAR/N/S	SP	MM	11/98A	07/99A
TRANSGENIC MODEL EVALUATION (ETHINYL ESTRADIOL)	57-63-6	PHAR/N/S	GAV	MM	11/98A	07/99A
TRANSGENIC MODEL EVALUATION II (ACESULFAME POTASSIUM)	55589-62-3	FOOD	FEED	MM		01/00A
TRANSGENIC MODEL EVALUATION II (ASPARTAME)	22839-47-0	FOOD/SYN	FEED	MM		10/99A
TRANSGENIC MODEL EVALUATION II (ASPARTAME)	22839-47-0	FOOD/SYN	FEED	M		10/99A
TRANSGENIC MODEL EVALUATION II (BENZENE)	71-43-2	INTR/N/S	GAV	M		10/99A
TRANSGENIC MODEL EVALUATION II (GLYCIDOL)	556-52-5	PHAR/SYN	GAV	M		02/00A
TRANSGENIC MODEL EVALUATION II (PHENOLPHTHALEIN)	77-09-8	PHAR/SYN	FEED	M		12/99A
TRANSGENIC MODEL EVALUATION (MELPHALAN)	148-82-3	CMOT/SYN	GAV	M	11/98A	
WATER DISINFECTION BYPRODUCTS (BROMOCHLOROACETIC ACID)	5589-96-8	WATR/SYN	WATER	RM	07/00A	
WATER DISINFECTION BYPRODUCTS (DICHLOROACETIC ACID)	79-43-6	GERM/SYN	WATER	RM		03/00A
WATER DISINFECTION MODEL (BROMODICHLOROMETHANE)	75-27-4	SOLV/SYN	WATER	MM		08/99A
WATER DISINFECTION MODEL (BROMODICHLOROMETHANE)	75-27-4	SOLV/SYN	SP	MM	05/99A	08/99A
WATER DISINFECTION MODEL (BROMODICHLOROMETHANE)	75-27-4	SOLV/SYN	GAV	MM		09/99A
WATER DISINFECTION MODEL (BROMODICHLOROMETHANE)	75-27-4	SOLV/SYN	WATER	MM		08/99A
WATER DISINFECTION MODEL (BROMODICHLOROMETHANE)	75-27-4	SOLV/SYN	GAV	MM		09/99A
WATER DISINFECTION MODEL (DICHLOROACETIC ACID)	79-43-6	GERM/SYN	WATER	MM		01/00A
WATER DISINFECTION MODEL (DICHLOROACETIC ACID)	79-43-6	GERM/SYN	SP	MMM	05/99A	02/00A
WATER DISINFECTION MODEL (DICHLOROACETIC ACID)	79-43-6	GERM/SYN	WATER	MM		01/00A
WATER DISINFECTION MODEL (SODIUM BROMATE)	7789-38-0	REAG/SYN	WATER	MM		09/99A
WATER DISINFECTION MODEL (SODIUM BROMATE)	7789-38-0	REAG/SYN	SP	MM	07/99A	10/99A
WATER DISINFECTION MODEL (SODIUM BROMATE)	7789-38-0	REAG/SYN	WATER	MM		09/99A

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REF. NO. 6

Prechronic Studies Completed: Chemicals in Review for Further Evaluation

CHEMICAL NAME	PRIMARY CAS NUMBER	USE	ROUTE	SPEC	RPD D* START DATE	SUBCHR START DATE
AZT + TMP/SMX (MIXTURE) COMBINATION	AZTTMPSMX	PHAR	GAV	M		04/96A
P-TERT-BUTYLCATECHOL	98-29-3	RUBR/SYN	FEED	RM	03/95A	
DIAZOAMINOBENZENE	136-35-6	DYE /SYN	SP	RM	12/97A	
DICYCLOHEXYLCARBODIIMIDE	538-75-0	IND /SYN	SP	M		01/99A
DIISOPROPYLCARBODIIMIDE	693-13-0	REAG/SYN	SP	M		01/99A
DIMETHYLAMINOPROPYL CHLORIDE, HYDROCHLORIDE	5407-04-5	INTR/SYN	GAV	RM	08/99A	01/00A
PENTAERYTHRITOL TRIACRYLATE	3524-68-3	PLAS	SP	M		07/98A
STODDARD SOLVENT (TYPE IIC)	64742-88-7	SOLV/SYN	INHAL	RM	11/97A	02/98A
1,1,2,2-TETRACHLOROETHANE	79-34-5	SOLV/SYN	MICRO	RM	02/92A	
1,1,2,2-TETRACHLOROETHANE	79-34-5	SOLV/SYN	GAV	RM	03/92A	
TRANSGENIC MODEL EVALUATION (CYCLOPHOSPHAMIDE MONOHYDRATE)	6055-19-2	CMOT/SYN	SP	M M	12/97A	11/98A
TRANSGENIC MODEL EVALUATION (CYCLOPHOSPHAMIDE MONOHYDRATE)	6055-19-2	CMOT/SYN	GAV	M M	12/97A	11/98A
TRANSGENIC MODEL EVALUATION (DES)	56-53-1	PHAR/SYN	GAV	MM	11/98A	04/99A
TRANSGENIC MODEL EVALUATION (DI(2-ETHYLHEXYL) PHTHALATE)	117-81-7	PLAS/SYN	SP	M		02/98A
TRANSGENIC MODEL EVALUATION (DI(2-ETHYLHEXYL) PHTHALATE)	117-81-7	PLAS/SYN	FEED	M		02/98A
TRANSGENIC MODEL EVALUATION (MELPHALAN)	148-82-3	CMOT/SYN	SP	M M	12/97A	06/99A
TRANSGENIC MODEL EVALUATION (MELPHALAN)	148-82-3	CMOT/SYN	GAV	M M	12/97A	06/99A
TRANSGENIC MODEL EVALUATION (METHYLPHENIDATE HYDROCHLORIDE)	298-59-9	PHAR/SYN	FEED	MM		11/95A
TRANSGENIC MODEL EVALUATION (2,3,7,8-TETRACHLORODIBENZODIOXI	1746-01-6	PEST/SYN	GAV	M		04/98A
TRANSGENIC MODEL EVALUATION (2,3,7,8-TETRACHLORODIBENZODIOXI	1746-01-6	PEST/SYN	SP	M		04/98A
TRANSGENIC MODEL EVALUATION (WY-14643)	50892-23-4	PHAR/SYN	SP	M		02/98A
TRANSGENIC MODEL EVALUATION (WY-14643)	50892-23-4	PHAR/SYN	FEED	M		02/98A
TRIMETHYLOLPROPANE TRIACRYLATE	15625-89-5	PLAS	SP	M		07/98A

* RPD D = REPEATED DOSE; SUBCHR = SUBCHRONIC; (A)CTUAL OR (E)STIMATED DATES

Two Year Studies in Progress

CHEMICAL NAME	PRIMARY CAS NUMBER	USE	ROUTE	SPEC	CHRONIC START DATE
AZT TRANSPLACENTAL CARCINOGENESIS STUDY	30516-87-1	PHAR/SYN	UTERO	MM	06/99A
BENZOPHENONE	119-61-9	PHAR/SYN	FEED	RM	08/99A
DIISOPROPYLCARBODIIMIDE	693-13-0	REAG/SYN	SP	RM	04/00A
DIVINYLBENZENE	1321-74-0	PLAS	INHAL	RM	09/99A
LEUCOMALACHITE GREEN	129-73-7	FUNG/SYN	FEED	RM	10/98A
MALACHITE GREEN	569-64-2	GERM/SYN	FEED	RM	02/99A
METHYLENE BLUE TRIHYDRATE	7220-79-3	DYE	GAV	RM	06/00A
4-METHYLIMIDAZOLE	822-36-6	INTR/N/S	FEED	RM	01/00A
METHYL ISOBUTYL KETONE	108-10-1	SOLV/SYN	INHAL	RM	05/00A
SIMAZINE	122-34-9	HERB/SYN	FEED	MM	12/97A
TOXIC EQUIVALENCY FACTOR EVALUATION (BINARY MIXTURE)	TEFBINARYMIX	N/A /SYN	GAV	R	09/98A
TOXIC EQUIVALENCY FACTOR EVALUATION (PCB 153- 2,2'-4,4',5,5'	35065-27-1	N/A /SYN	GAV	R	08/98A
TOXIC EQUIVALENCY FACTOR EVALUATION ((PCB 118) 2,3',4,4',5-P	31508-00-6	N/A /SYN	GAV	R	10/99A
TOXIC EQUIVALENCY FACTOR EVALUATION ((PECDF) PENTACHLORODIBE	57117-31-4	N/AT/SYN	GAV	R	04/99A
TRIETHANOLAMINE	102-71-6	DTRG/SYN	SP	M	09/98A
WATER DISINFECTION BYPRODUCTS (BROMODICHLOROMETHANE)	75-27-4	INTR/SYN	WATER	RM	12/98A
WATER DISINFECTION BYPRODUCTS (DIBROMOACETIC ACID)	631-64-1	WATR/SYN	WATER	RM	02/00A
WATER DISINFECTION BYPRODUCTS (SODIUM CHLORATE)	7775-09-9	WATR/SYN	WATER	RM	09/98A

REF. NO. 8

Two Year Studies: Laboratory Study Report in Preparation

CHEMICAL NAME	PRIMARY CAS NUMBER	USE	ROUTE	SPEC
DECALIN	91-17-8	LABC/SYN	INHAL	RMR
DIPROPYLENE GLYCOL	25265-71-8	INTR	WATER	RM
ETHANOL	64-17-5	PHAR/N/S	WATER	M
FISH PROJECT 1 (NITROMETHANE)	75-52-5		AQUAT	FF
FISH PROJECT 1 (NITROMETHANE)	75-52-5		AQUAT	FF
FISH PROJECT 1 (2,2-BIS(BROMOMETHYL)-1,3-PROPANEDIOL)	3296-90-0		AQUAT	FF
FISH PROJECT 1 (2,2-BIS(BROMOMETHYL)-1,3-PROPANEDIOL)	3296-90-0		AQUAT	FF
FISH PROJECT 1 (1,2,3-TRICHLOROPROPANE)	96-18-4		AQUAT	FF
FISH PROJECT 1 (1,2,3-TRICHLOROPROPANE)	96-18-4		AQUAT	FF
2-METHYLIMIDAZOLE	693-98-1	INTR/N/S	FEED	RM
PROPYLENE GLYCOL MONO-T-BUTYL ETHER	57018-52-7	SOLV/SYN	INHAL	RMR
TOXIC EQUIVALENCY FACTOR EVALUATION (DIOXIN MIXTURE)	TEFDIOXINMIX	N/A /SYN	GAV	R
TOXIC EQUIVALENCY FACTOR EVALUATION ((PCB-126)3,3',4,4',5-PE	57465-28-8	ELEC/SYN	GAV	R
TOXIC EQUIVALENCY FACTOR EVALUATION (TCDD)	1746-01-6	N/A /SYN	GAV	R
URETHANE	51-79-6	PNT /SYN	WATER	M
URETHANE + ETHANOL (COMBINATION)	URETHCOMB	PNT /N/S	WATER	M

REF. NO. 9

(Note: Reference 9 Combined with Reference 10)

REF. NO. 10

Two Year Studies: Pathology Quality Assessment in Progress

CHEMICAL NAME	PRIMARY CAS NUMBER	USE	ROUTE	SPEC
TRANS-CINNAMALDEHYDE	14371-10-9	FOOD/NATL	MICRO	RM

* (A)CTUAL OR (E)STIMATED DATES

Two Year Studies: Pathology Quality Assessment in Progress

CHEMICAL NAME	PRIMARY CAS NUMBER	USE	ROUTE	SPEC
ELMIRON (SODIUM PENTOSANPOLYSULFATE)	37319-17-8	PHAR/SYN	GAV	RM
2,4-HEXADIENAL	142-83-6	FOOD/N/S	GAV	RM
RIDDELLIINE	23246-96-0	PHAR/NATL	GAV	RM

REF. NO. 11

Two Year Studies: Pathology Working Group in Progress

CHEMICAL NAME	PRIMARY CAS NUMBER	USE	ROUTE	SPEC	NTP TR NO.
ACRYLONITRILE	107-13-1	INTR/SYN	GAV	M	506
O-NITROTOLUENE	88-72-2	RUBR/SYN	FEED	RM	504
VANADIUM PENTOXIDE	1314-62-1	INTR/NATL	INHAL	RM	507

REF. NO. 12

Short Term Toxicity Studies Scheduled for Peer Review

CHEMICAL NAME	PRIMARY CAS NUMBER	USE	ROUTE	SPEC	NTP TR NO.
ACROLEIN	107-02-8	PLAS/SYN	GAV	RM	48
ALLYL ACETATE	591-87-7	INTR/SYN	GAV	RM	48
ALLYL ALCOHOL	107-18-6	INTR/SYN	GAV	RM	48
AZT + METHADONE HCL (AIDS)	AZTMETHCOMB	PHAR/SYN	GAV	MM	
BUTANAL OXIME	110-69-0	PNT /SYN	WATER	RM	69
P-TERT-BUTYLCATECHOL	98-29-3	RUBR/SYN	FEED	RM	70
DL-CAMPHOR	76-22-2	PLAS/N/S	SP	RM	
2,4-DECADIENAL	25152-84-5	FOOD/N/S	GAV	RM	
TRANS-1,2-DICHLOROETHYLENE	156-60-5	SOLV	MICRO	RM	55
DICYCLOHEXYLCARBODIIMIDE	538-75-0	IND /SYN	SP	RM	70
DICYCLOHEXYLCARBODIIMIDE	538-75-0	IND /SYN	SP	M	70
2',3'-DIDEOXYCYTIDINE	7481-89-2	PHAR/SYN	GAV	MM	
2',3'-DIDEOXYCYTIDINE	7481-89-2	PHAR/SYN	GAV	MM	
DIISOPROPYLCARBODIIMIDE	693-13-0	REAG/SYN	SP	RM	70
DIISOPROPYLCARBODIIMIDE	693-13-0	REAG/SYN	SP	M	70
FORMAMIDE	75-12-7	SOLV/SYN	GAV	RM	
5-(HYDROXYMETHYL)-2-FURFURAL	67-47-0	NATL/N/S	GAV	RM	
2-METHYLIMIDAZOLE	693-98-1	INTR/N/S	FEED	RM	67
4-METHYLIMIDAZOLE	822-36-6	INTR/N/S	FEED	RM	67
PENTAERYTHRITOL TRIACRYLATE	3524-68-3	PLAS	SP	RM	
PEROXISOME PROJECT (DIBUTYL PHTHALATE)	84-74-2	PLAS/SYN	FEED	RMH	60
PEROXISOME PROJECT (2,4-DICHLOROPHENOXYACETIC ACID)	94-75-7	PEST/SYN	FEED	RMH	63
PEROXISOME PROJECT (GEMFIBROZIL)	25812-30-0	PHAR/SYN	FEED	RMH	64
PEROXISOME PROJECT (WY-14643)	50892-23-4	PHAR/SYN	FEED	RMH	62
1,1,2,2-TETRACHLOROETHANE	79-34-5	SOLV/SYN	MICRO	RM	49
TETRALIN	119-64-2	SOLV/SYN	INHAL	RMR	
TRANSGENIC MODEL EVALUATION (P-ANISIDINE HCL)	20265-97-8	DYE	SP	M	
TRANSGENIC MODEL EVALUATION (CYCLOSPORIN A)	59865-13-3	PHAR/N/S	GAV	M	
TRANSGENIC MODEL EVALUATION (CYCLOSPORIN A)	59865-13-3	PHAR/N/S	GAV	M	
TRANSGENIC MODEL EVALUATION (DES)	56-53-1	PHAR/SYN	SP	M	
TRANSGENIC MODEL EVALUATION (DES)	56-53-1	PHAR/SYN	SC/IJ	M	
TRANSGENIC MODEL EVALUATION (2,4-DIAMINOTOLUENE)	95-80-7	DYE /SYN	SP	M	
TRANSGENIC MODEL EVALUATION (2,4-DIAMINOTOLUENE)	95-80-7	DYE /SYN	FEED	M	

Short Term Toxicity Studies Scheduled for Peer Review

CHEMICAL NAME	PRIMARY CAS NUMBER	USE	ROUTE	SPEC	NTP TR NO.
TRANSGENIC MODEL EVALUATION (2,6-DIAMINOTOLUENE HCL)	15481-70-6	INTR/SYN	SP	M	
TRANSGENIC MODEL EVALUATION (2,6-DIAMINOTOLUENE HCL)	15481-70-6	INTR/SYN	FEED	M	
TRANSGENIC MODEL EVALUATION (8-HYDROXYQUINOLINE)	148-24-3	PHAR/N/S	SP	M	
TRANSGENIC MODEL EVALUATION (8-HYDROXYQUINOLINE)	148-24-3	PHAR/N/S	FEED	M	
TRANSGENIC MODEL EVALUATION (MELPHALAN)	148-82-3	CMOT/SYN	SP	M	
TRANSGENIC MODEL EVALUATION (MELPHALAN)	148-82-3	CMOT/SYN	IP/IJ	M	
TRANSGENIC MODEL EVALUATION (N-METHYLOLACRYLAMIDE)	924-42-5	PLAS/SYN	GAV	M	
TRANSGENIC MODEL EVALUATION (N-METHYLOLACRYLAMIDE)	924-42-5	PLAS/SYN	SP	M	
TRANSGENIC MODEL EVALUATION (RESORCINOL)	108-46-3	PHAR/SYN	SP	M	
TRANSGENIC MODEL EVALUATION (RESORCINOL)	108-46-3	PHAR/SYN	GAV	M	
TRANSGENIC MODEL EVALUATION (ROTENONE)	83-79-4	PEST/NATL	SP	M	
TRANSGENIC MODEL EVALUATION (ROTENONE)	83-79-4	PEST/NATL	FEED	M	
TRANSGENIC MODEL EVALUATION (2,3,7,8-TETRACHLORODIBENZODIOXI	1746-01-6	PEST/SYN	SP	M	
TRANSGENIC MODEL EVALUATION (2,3,7,8-TETRACHLORODIBENZODIOXI	1746-01-6	PEST/SYN	GAV	M	
TRIMETHYLOLPROPANE TRIACRYLATE	15625-89-5	PLAS	SP	RM	

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REF. NO. 13

Two Year Studies Scheduled for Peer Review

CHEMICAL NAME	PRIMARY CAS NUMBER	USE	ROUTE	SPEC	NTP TR NO.
CITRAL	5392-40-5	FOOD/NATL	MICRO	RM	505
METHACRYLONITRILE	126-98-7	PLAS/SYN	GAV	RM	497
P-NITROTOLUENE	99-99-0	DYE /SYN	FEED	RM	498

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REF. NO. 14

Post Peer Review Technical Reports in Progress

CHEMICAL NAME	PRIMARY CAS NUMBER	USE	ROUTE	SPEC	NTP TR NO.	CARCINOGEN CODES MR	FR	MM	FM*+
TOXICITY STUDIES:									
BENZOPHENONE	119-61-9	PHAR/SYN	FEED	RM	61				
CARISOPRODOL	78-44-4	PHAR/SYN	GAV	RM	56				
METHAPYRILENE HYDROCHLORIDE	135-23-9	PHAR/SYN	FEED	R	46				
1,1,1-TRICHLOROETHANE	71-55-6	SOLV/SYN	MICRO	RM	41				
LONG-TERM STUDIES:									
ANTHRAQUINONE	84-65-1	DYE /SYN	FEED	RM	494	SE	CE	CE	CE
CHLORAL HYDRATE	302-17-0	PHAR/SYN	GAV	MM	502				EE
CHLORAL HYDRATE	302-17-0	PHAR/SYN	GAV	MM	503			SE	
COCONUT OIL ACID DIETHANOLAMINE CONDENSATE	68603-42-9	TEXL/N/S	SP	RM	479	NE	EE	CE	CE
P,P'-DICHLORODIPHENYL SULFONE	80-07-9	PLAS	FEED	RM	501	NE	NE	NE	NE
EMODIN	518-82-1	PHAR/NATL	FEED	RM	493	NE	EE	EE	NE
FUMONISIN B1	116355-83-0	FEED/NATL	FEED	RM	496	CE	NE	NE	CE
INDIUM PHOSPHIDE	22398-80-7	ELEC/SYN	INHAL	RM	499	CE	CE	CE	CE
NAPHTHALENE	91-20-3	INTR/NATL	INHAL	R	500	CE	CE		
PRIMIDONE (PRIMACLONE)	125-33-7	PHAR/SYN	FEED	RM	476	EE	NE	CE	CE
SODIUM NITRITE	7632-00-0	INTR/SYN	WATER	RM	495	NE	NE	NE	EE

*+ MR = Male Rat, FR = Female Rat, MM = Male Mice, FM = Female Mice.
See Page 3 for explanation of Carcinogen Codes.

Galley or Camera Copy Technical Reports in Progress

CHEMICAL NAME	PRIMARY CAS NUMBER	USE	ROUTE	SPEC	NTP TR NO.	CARCINOGEN CODES MR FR MM FM*+
TOXICITY STUDIES:						
THERE ARE NO PRECHRONIC TOXICITY STUDIES FOR THIS REFERENCE						
LONG-TERM STUDIES:						
GALLIUM ARSENIDE	1303-00-0	ELEC/SYN	INHAL	RM	492	NE CE NE NE
METHYLEUGENOL	93-15-2	FOOD/NATL	GAV	RM	491	CE CE CE CE

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REF. NO. 16

** The NCI and the NTP Technical Reports for the following chemicals are available from the National Technical Information Service (NTIS), Department of Commerce, 5285 Port Royal Road, Springfield, Virginia 22161, Phone: (703) 605-6000 or 1-800-553-6847 (rush orders only). Technical reports numbered 220 or higher may also be available from Central Data Management, MD-E1-02, P.O. Box 12233, Research Triangle Park, NC 27709, PHONE: (919) 541-3419. All requests containing checks, money orders, or purchase orders should be sent to NTIS.

Printed Long Term Technical Reports and Short Term Toxicity Study Reports

CHEMICAL NAME	PRIMARY CAS NUMBER	USE	ROUTE	SPEC	RPT NO.	NTIS ** NUMBER	CARCINOGEN CODES MR FR MM FM*+
TOXICITY STUDIES:							
ACETONE	67-64-1	SOLV/SYN	WATER	RM	TOX-03	PB91-185975	
ANTIMONY POTASSIUM TARTRATE	28300-74-5	PEST/SYN	IP/IJ	RM	TOX-11	PB93-149714	
BENZYLTRIMETHYL AMMONIUM CHLORIDE	56-93-9	DYE	GAV	RM	TOX-57	PB2000-104839	
BLACK NEWSPRINT INK	EMTDP-75	DYE /SYN	SP	RM	TOX-17	PB93-131910	
BETA-BROMO-BETA-NITROSTYRENE	7166-19-0	PEST/SYN	GAV	RM	TOX-40	PB95-144531	
1,4-BUTANEDIOL	110-63-4	INTR/SYN	FEED		TOX-54	PB97-108161	
2-BUTOXYETHANOL (ETHYLENE GLYCOL MONOBUTYL ETHER)	111-76-2	SOLV/SYN	WATER	RMR	TOX-26	PB94-118106	
2-BUTOXYETHANOL (ETHYLENE GLYCOL MONOBUTYL ETHER)	111-76-2	SOLV/SYN	WATER	R	TOX-26	PB94-118106	
TERT-BUTYL ALCOHOL	75-65-0	PHAR/SYN	INHAL	RM	TOX-53	PB98-108905	
TERT-BUTYL PERBENZOATE	614-45-9	PLAS/SYN	GAV	RM	TOX-15	PB93-105690/AS	
CADMIUM OXIDE	1306-19-0	ELEC/N/S	INHAL	RM	TOX-39	PB95-263356	
CADMIUM OXIDE	1306-19-0	ELEC/N/S	INHAL	RM	TOX-39	PB95-263356	
CASTOR OIL	8001-79-4	PHAR/NATL	FEED	RM	TOX-12	PB93-151439	
CHEMICAL MIXTURE - DRINKING WATER CONTAMINANTS	CHEMMIXH2O	COMT/NATL	WATER	RM	TOX-35	PB94-121498	
CHLORAL HYDRATE	302-17-0	PHAR/SYN	GAV	RM	TOX-59	PB2000-101393	
M-CHLOROANILINE	108-42-9	INTR/SYN	GAV	RM	TOX-43	PB98-135932	
O-CHLOROANILINE	95-51-2	DYE /SYN	GAV	RM	TOX-43	PB98-135932	
2-CHLORONITROBENZENE	88-73-3	INTR/SYN	INHAL	RM	TOX-33	PB94-118262	
4-CHLORONITROBENZENE	100-00-5	INTR/SYN	INHAL	RM	TOX-33	PB94-118262	
P-CHLORO-A,A,A-TRIFLUOROTOLUENE	98-56-6	INTR/SYN	GAV	RM	TOX-14	PB93-105682/AS	
P-CHLORO-A,A,A-TRIFLUOROTOLUENE	98-56-6	INTR/SYN	GAV	RM	TOX-14	PB93-105682/AS	
C.I. DIRECT BLACK 38	1937-37-7	DYE	FEED	RM	TR-108	PB280204	P P
C.I. DIRECT BLUE 6	2602-46-2	DYE	FEED	RM	TR-108	PB280204	P P
C.I. DIRECT BROWN 95	16071-86-6	DYE	FEED	RM	TR-108	PB280204	N P
COBALT SULFATE HEPTAHYDRATE	10026-24-1	PNT /NATL	INHAL	RM	TOX-05	PB91-185348	
CRESOL (MIXED ISOMERS)	1319-77-3	GERM/N/S	FEED	RM	TOX-09	PB92-174242	
M-CRESOL	108-39-4	PEST/NATL	FEED	RM	TOX-09	PB92-174242	
O-CRESOL	95-48-7	GERM/NATL	FEED	RM	TOX-09	PB92-174242	
P-CRESOL	106-44-5	PEST/NATL	FEED	RM	TOX-09	PB92-174242	
CUPRIC SULFATE	7758-99-8	FOOD/NATL	WATER	RM	TOX-29	PB94-120870	
CUPRIC SULFATE	7758-99-8	FOOD/NATL	FEED	RM	TOX-29	PB94-120870	
CYCLOHEXANONE OXIME	100-64-1	PLAS/SYN	WATER	M	TOX-50	PB96-175559	
D & C YELLOW NO. 11	8003-22-3	DYE /SYN	FEED	RM	TOX-08	PB91-185355	
DIBUTYL PHTHALATE	84-74-2	PLAS/SYN	FEED	RM	TOX-30	PB95-232427	
DIBUTYL PHTHALATE	84-74-2	PLAS/SYN	FEED	RM	TOX-30	PB95-232427	

*+ MR = Male Rat, FR = Female Rat, MM = Male Mice, FM = Female Mice.
See Page 3 for explanation of Carcinogen Codes.

Printed Long Term Technical Reports and Short Term Toxicity Study Reports

CHEMICAL NAME	PRIMARY CAS NUMBER	USE	ROUTE	SPEC	RPT NO.	NTIS ** NUMBER	CARCINOGEN CODES MR FR MM FM*+
TOXICITY STUDIES:							
1,2-DICHLOROETHANE	107-06-2	SOLV/SYN	GAV	R	TOX-04	PB91-185363	
1,2-DICHLOROETHANE	107-06-2	SOLV/SYN	WATER	RM	TOX-04	PB91-185363	
1,2-DICHLOROETHANE	107-06-2	SOLV/SYN	WATER	RR	TOX-04	PB91-185363	
DIETHANOLAMINE	111-42-2	TEXL/SYN	SP	RM	TOX-20	PB93-133999	
DIETHANOLAMINE	111-42-2	TEXL/SYN	WATER	RM	TOX-20	PB93-133999	
DIMETHYLFORMAMIDE	68-12-2	SOLV/SYN	INHAL	RM	TOX-22	PB93-131936	
1,3-DIPHENYLGUANIDINE	102-06-7	RUBR/SYN	FEED	RM	TOX-42	PB96-115639	
ETHYLBENZENE	100-41-4	RUBR/SYN	INHAL	RM	TOX-10	PB93-149722	
ETHYLENE GLYCOL MONOETHYL ETHER (EGMEE)	110-80-5	SOLV/SYN	WATER	RMR	TOX-26	PB94-118106	
ETHYLENE GLYCOL MONOETHYL ETHER (EGMEE)	110-80-5	SOLV/SYN	WATER	R	TOX-26	PB94-118106	
ETHYLENE GLYCOL MONOMETHYL ETHER (EGMME)	109-86-4	COSM/SYN	WATER	RMR	TOX-26	PB94-118106	
ETHYLENE GLYCOL MONOMETHYL ETHER (EGMME)	109-86-4	COSM/SYN	WATER	R	TOX-26	PB94-118106	
FORMIC ACID	64-18-6	FUME/N/S	INHAL	RM	TOX-19	PB93-149730	
GLUTARALDEHYDE	111-30-8	ADHS/SYN	INHAL	RM	TOX-25	PB94-119252	
GLYPHOSATE	1071-83-6	HERB/SYN	FEED	RM	TOX-16	PB95-109898	
GLYPHOSATE	1071-83-6	HERB/SYN	FEED	R	TOX-16	PB95-109898	
HALOGENATED ETHANES CS (1,2-DICHLORO-1,1-DIFLUOROETHANE)	1649-08-7	IND /SYN	GAV	R	TOX-45	PB96-202718	
HALOGENATED ETHANES CS (1,2-DIFLUORO-1,1,2,2-TETRACHLOROETHA	76-12-0	SOLV/SYN	GAV	R	TOX-45	PB96-202718	
HALOGENATED ETHANES CS (HEXACHLOROETHANE)	67-72-1	SOLV/SYN	GAV	R	TOX-45	PB96-202718	
HALOGENATED ETHANES CS (PENTABROMOETHANE)	75-95-6	IND /SYN	GAV	R	TOX-45	PB96-202718	
HALOGENATED ETHANES CS (PENTACHLOROETHANE)	76-01-7	SOLV/SYN	GAV	R	TOX-45	PB96-202718	
HALOGENATED ETHANES CS (1,1,1,2-TETRABROMOETHANE)	630-16-0	IND,/SYN	GAV	R	TOX-45	PB96-202718	
HALOGENATED ETHANES CS (1,1,2,2-TETRABROMOETHANE)	79-27-6	FLAM/SYN	GAV	R	TOX-45	PB96-202718	
HALOGENATED ETHANES CS (1,1,1,2-TETRACHLOROETHANE)	630-20-6	INTR	GAV	R	TOX-45	PB96-202718	
HALOGENATED ETHANES CS (1,1,2,2-TETRACHLOROETHANE)	79-34-5	SOLV/SYN	GAV	R	TOX-45	PB96-202718	
HALOGENATED ETHANES CS (1,1,1-TRICHLOROETHANE)	71-55-6	SOLV/SYN	GAV	R	TOX-45	PB96-202718	
HALOGENATED ETHANES CS (1,1,1-TRICHLORO-2,2,2-TRIFLUOROETHAN	354-58-5	IND /SYN	GAV	R	TOX-45	PB96-202718	
HEXACHLORO-1,3-BUTADIENE	87-68-3	SOLV	FEED	M	TOX-01	PB91-185884	
1,6-HEXANEDIAMINE DIHYDROCHLORIDE	6055-52-3	INTR/SYN	INHAL	RM	TOX-24	PB94-119260	
1,6-HEXANEDIAMINE DIHYDROCHLORIDE	6055-52-3	INTR/SYN	WATER	RM	TOX-24	PB94-119260	
N-HEXANE	110-54-3	SOLV/NATL	INHAL	M	TOX-02	PB91-185322	
2-HYDROXY-4-METHOXYBENZOPHENONE	131-57-7	COSM/SYN	FEED	RM	TOX-21	PB93-126498	
2-HYDROXY-4-METHOXYBENZOPHENONE	131-57-7	COSM/SYN	SP	RM	TOX-21	PB93-126498	
2-HYDROXY-4-METHOXYBENZOPHENONE	131-57-7	COSM/SYN	SP	RM	TOX-21	PB93-126498	
ISOPRENE	78-79-5	RUBR/N/S	INHAL	RM	TOX-31	PB95-226486	
ISOPRENE	78-79-5	RUBR/N/S	INHAL	RM	TOX-31	PB95-226486	
MAGNETIC FIELDS (EMF)	ELECTROMAG	ELEC	WB	RM	TOX-58	PB97-115463	
METHACRYLONITRILE	126-98-7	PLAS/SYN	GAV	RM	TOX-47		
METHYLENE BIS(THIOCYANATE)	6317-18-6	FUNG/SYN	GAV	RM	TOX-32	PB94-194164	
METHYL ETHYL KETONE PEROXIDE	1338-23-4	PLAS/SYN	SP	RM	TOX-18	PB94-119278	
METHYL ETHYL KETOXIME	96-29-7	PNT	WATER	RM	TOX-51	PB99-176828	
1-NITROPYRENE	5522-43-0	ENVH/SYN	INHAL	R	TOX-34	PB96-176342	
M-NITROTOLUENE	99-08-1	DYE /SYN	FEED	RM	TOX-23	PB93-150092	
O-NITROTOLUENE	88-72-2	RUBR/SYN	FEED	RM	TOX-23	PB93-150092	
O-NITROTOLUENE	88-72-2	RUBR/SYN	FEED	R	TOX-44	PB96-188321	
P-NITROTOLUENE	99-99-0	DYE /SYN	FEED	RM	TOX-23	PB93-150092	
PENTACHLOROBENZENE	608-93-5	PEST	FEED	RM	TOX-06	PB91-185983	
PESTICIDE/FERTILIZER CONTAMINATION--MIXTURE 2	PESTFERTMIX2	COMT/SYN	WATER	RM	TOX-36	PB94-121035	
PESTICIDE/FERTILIZER CONTAMINATION--MIXTURE 3	PESTFERTMIX3	COMT/SYN	WATER	RM	TOX-36	PB94-121035	
RIDDELLIINE	23246-96-0	PHAR/NATL	GAV	RM	TOX-27	PB94-194685	
SODIUM CYANIDE	143-33-9	FUME/SYN	WATER	RM	TOX-37	PB94-194693	
SODIUM SELENATE	13410-01-0	PEST/SYN	WATER	RM	TOX-38	PB94-215753	
SODIUM SELENITE	10102-18-8	FEED/SYN	WATER	RM	TOX-38	PB94-215753	
3,3',4,4'-TETRACHLOROAZOBENZENE	14047-09-7	HERB/SYN	GAV	RM	TOX-65	PB99-123465	
3,3',4,4'-TETRACHLOROAZOXYBENZENE	21232-47-3	COMT/SYN	GAV	RM	TOX-66	PB99-123663	
1,2,4,5-TETRACHLOROBENZENE	95-94-3	HERB	FEED	RM	TOX-07	PB91-185330	
TETRACHLOROPHTHALIC ANHYDRIDE	117-08-8	FLAM/SYN	GAV	RM	TOX-28	PB94-119245	
O-TOLUIDINE HYDROCHLORIDE	636-21-5	DYE	FEED	R	TOX-44	PB96-188321	
2,4,7-TRINITRO-FLUOREN-9-ONE	129-79-3	PHOT/SYN	SP	RM	TOX-13	PB92-238864/AS	
2,4,7-TRINITRO-FLUOREN-9-ONE	129-79-3	PHOT/SYN	FEED	RM	TOX-13	PB92-238864/AS	
URETHANE	51-79-6	PNT /SYN	WATER	RM	TOX-52	PB96-175575	
URETHANE + ETHANOL (COMBINATION)	URETHCOMB	PNT /N/S	WATER	RM	TOX-52	PB96-175575	
LONG-TERM STUDIES:							
ACETAMINOPHEN (4-HYDROXYACETANILIDE)	103-90-2	PHAR/SYN	FEED	RM	TR-394	PB93-227478	NE EE NE NE

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Printed Long Term Technical Reports and Short Term Toxicity Study Reports

CHEMICAL NAME	PRIMARY CAS NUMBER	USE	ROUTE	SPEC	RPT NO.	NTIS ** NUMBER	CARCINOGEN CODES MR	FR	MM	FM*+
LONG-TERM STUDIES:										
ACETOHEXAMIDE	968-81-0	PHAR/SYN	FEED	RM	TR-050	PB284673	N	N	N	N
ACETONITRILE	75-05-8	SOLV/SYN	INHAL	RM	TR-447	PB96-214937	EE	NE	NE	NE
ACRONYCINE	7008-42-6	CMOT/NATL	IP/IJ	RM	TR-049	PB283347	P	P	IS	IS
AGAR	9002-18-0	FOOD/NATL	FEED	RM	TR-230	PB82-227588	N	N	N	N
ALDICARB	116-06-3	PEST/SYN	FEED	RM	TR-136	PB298511	N	N	N	N
ALDRIN	309-00-2	PEST/SYN	FEED	RM	TR-021	PB275666	E	E	P	N
ALLYL CHLORIDE	107-05-1	INTR/SYN	GAV	RM	TR-073	PB287516	N	N	E	E
ALLYL GLYCIDYL ETHER	106-92-3	SOLV/SYN	INHAL	RM	TR-376	PB90-260027	EE	NE	SE	EE
ALLYL ISOTHIOCYANATE	57-06-7	FOOD/NATL	GAV	RM	TR-234	PB83-144238	P	E	N	N
ALLYL ISOVALERATE	2835-39-4	FOOD/SYN	GAV	RM	TR-253	PB83-218214	P	N	N	P
2-AMINOANTHRAQUINONE	117-79-3	DYE /SYN	FEED	RM	TR-144	PB287739	P	IS	P	P
1-AMINO-2,4-DIBROMOANTHRAQUINONE	81-49-2	DYE /SYN	FEED	RM	TR-383	PB97-116636	CE	CE	CE	CE
3-AMINO-4-ETHOXYACETANILIDE	17026-81-2	DYE	FEED	RM	TR-112	PB285194	N	N	P	N
3-AMINO-9-ETHYLCARBAZOLE HCL	6109-97-3	DYE	FEED	RM	TR-093	PB287126	P	P	P	P
1-AMINO-2-METHYLANTHRAQUINONE	82-28-0	DYE /SYN	FEED	RM	TR-111	PB286852	P	P	N	P
2-AMINO-4-NITROPHENOL	99-57-0	DYE /SYN	GAV	RM	TR-339	PB89-128623	SE	NE	NE	NE
2-AMINO-5-NITROPHENOL	121-88-0	DYE /SYN	GAV	RM	TR-334	PB88-184809	SE	NE	NE	NE
4-AMINO-2-NITROPHENOL	119-34-6	DYE /SYN	FEED	RM	TR-094	PB286189	P	E	N	N
2-AMINO-5-NITROTHIAZOLE	121-66-4	PHAR/SYN	FEED	RM	TR-053	PB283346	P	N	N	N
11-AMINOUNDECANOIC ACID	2432-99-7	INTR/SYN	FEED	RM	TR-216	PB82-225640	P	N	E	N
DL-AMPHETAMINE SULFATE	60-13-9	PHAR/SYN	FEED	RM	TR-387	PB92-107978	NE	NE	NE	NE
AMPICILLIN TRIHYDRATE	7177-48-2	PHAR/N/S	GAV	RM	TR-318	PB87-204160	EE	NE	NE	NE
ANILAZINE	101-05-3	FUNG/SYN	FEED	RM	TR-104	PB287141	N	N	N	N
ANILINE HYDROCHLORIDE	142-04-1	DYE /NATL	FEED	RM	TR-130	PB287539	P	P	N	N
O-ANISIDINE HYDROCHLORIDE	134-29-2	DYE	FEED	RM	TR-089	PB285879	P	P	P	P
P-ANISIDINE HYDROCHLORIDE	20265-97-8	DYE	FEED	RM	TR-116	PB286951	E	N	N	N
O-ANTHRANILIC ACID	118-92-3	INTR/NATL	FEED	RM	TR-036	PB278883	N	N	N	N
AROCLOR 1254	11097-69-1	PEST	FEED	R	TR-038	PB279624	E	E		
ASBESTOS, AMOSITE	12172-73-5	NSUL/NATL	FEED	RR	TR-279	PB91-172312	N	N		
ASBESTOS, AMOSITE	12172-73-5	NSUL/NATL	FEED	H	TR-249	PB87-133278	HAMSTER=N			
ASBESTOS, AMOSITE + DIMETHYL HYDRAZINE	12172-73-5	NSUL/NATL	FEED	R	TR-279	PB91-172312	IS	IS		
ASBESTOS, CHRYSOTILE(IR)	12001-29-5	TEXL/NATL	FEED	R	TR-295	PB86-167103	SE	NE		
ASBESTOS, CHRYSOTILE(IR)	12001-29-5	TEXL/NATL	FEED	H	TR-246	PB91-142380	HAMSTER=N			
ASBESTOS, CHRYSOTILE(IR)	12001-29-5	TEXL/NATL	FEED	R	TR-295	PB86-167103				
ASBESTOS, CHRYSOTILE(IR) + DIMETHYL HYDRAZINE	12001-29-5	TEXL/NATL	FEED	H	TR-246	PB91-142380	HAMSTER=I			
ASBESTOS, CHRYSOTILE(IR) + DIMETHYL HYDRAZINE	12001-29-5	TEXL/NATL	FEED	R	TR-295	PB86-167103	IS	IS		
ASBESTOS, CHRYSOTILE(SR)	12001-29-5	TEXL/NATL	FEED	R	TR-295	PB86-167103	NE	NE		
ASBESTOS, CHRYSOTILE(SR)	12001-29-5	TEXL/NATL	FEED	H	TR-246	PB91-142380	HAMSTER=N			
ASBESTOS, CROCIDOLITE	12001-28-4	NSUL/NATL	FEED	R	TR-280	PB89-178529	N	N		
ASBESTOS, TREMOLITE	14567-73-8	GLAS/NATL	FEED	R	TR-277	PB90-226572	N	N		
L-ASCORBIC ACID	50-81-7	PHAR/NATL	FEED	RM	TR-247	PB83-201194	N	N	N	N
ASPIRIN, PHENACETIN, AND CAFFEINE	8003-03-0	PHAR/N/S	FEED	RM	TR-067	PB284684	N	E	N	N
5-AZACYTIDINE	320-67-2	CMOT/SYN	IP/IJ	RM	TR-042	PB279526	IS	IS	IS	P
3'-AZIDO-3'-DEOXYTHYMIDINE (AIDS INITIATIVE)	30516-87-1	PHAR/SYN	GAV	RM	TR-469	PB99-145807			EE	CE
AZINPHOSMETHYL	86-50-0	PEST/SYN	FEED	RM	TR-069	PB286371	E	N	N	N
AZOBENZENE	103-33-3	DYE /SYN	FEED	RM	TR-154	PB293835	P	P	N	N
BARIUM CHLORIDE DIHYDRATE	10326-27-9	DYE /NATL	WATER	RM	TR-432	PB94-214178	NE	NE	NE	NE
BENZALDEHYDE	100-52-7	INTR/N/S	GAV	RM	TR-378	PB90-253782	NE	NE	SE	SE
BENZENE	71-43-2	INTR/N/S	GAV	RM	TR-289	PB86-216967	CE	CE	CE	CE
BENZETHONIUM CHLORIDE	121-54-0	GERM/SYN	SP	RM	TR-438	PB96-162300	NE	NE	NE	NE
BENZOFURAN	271-89-6	INTR/SYN	GAV	RM	TR-370	PB90-231127	NE	SE	CE	CE
BENZOIN	119-53-9	FOOD/SYN	FEED	RM	TR-204	PB80-217953	N	N	N	N
P-BENZOQUINONE DIOXIME	105-11-3	RUBR/SYN	FEED	RM	TR-179	PB291501	N	P	N	N
1,2,3-BENZOTRIAZOLE	95-14-7	INTR/SYN	FEED	RM	TR-088	PB285202	E	E	N	E
BENZYL ACETATE	140-11-4	FOOD/N/S	GAV	RM	TR-250	PB87-115044	EE	NE	SE	SE
BENZYL ACETATE	140-11-4	FOOD/N/S	FEED	RM	TR-431	PB94-184033	NE	NE	NE	NE
BENZYL ALCOHOL	100-51-6	SOLV/NATL	GAV	RM	TR-343	PB90-110206	NE	NE	NE	NE
O-BENZYL-P-CHLOROPHENOL	120-32-1	GERM/SYN	SP	M	TR-444	PB96-162342				
O-BENZYL-P-CHLOROPHENOL	120-32-1	GERM/SYN	GAV	RM	TR-424	PB94-214202	NE	EE	SE	NE
2-BIPHENYLAMINE HYDROCHLORIDE	2185-92-4	INTR/SYN	FEED	RM	TR-233	PB83-138842	N	N	E	P
2,2-BIS(BROMOMETHYL)-1,3-PROPANEDIOL	3296-90-0	FLAM/SYN	FEED	RM	TR-452	PB97-120224	CE	CE	CE	CE
BIS(2-CHLORO-1-METHYLETHYL) ETHER	108-60-1	SOLV/SYN	GAV	R	TR-191	PB299741	N	N		
BIS(2-CHLORO-1-METHYLETHYL) ETHER	108-60-1	SOLV/SYN	GAV	M	TR-239	PB83-169615			P	P
BISPHENOL A	80-05-7	PLAS/SYN	FEED	RM	TR-215	PB82-184060	E	N	N	N

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LONG-TERM STUDIES:										
BORIC ACID	10043-35-3	PHAR/NATL	FEED	M	TR-324	PB88-213475			NE	NE
BROMODICHLOROMETHANE	75-27-4	INTR/SYN	GAV	RM	TR-321	PB88-168687	CE	CE	CE	CE
BROMOETHANE (ETHYL BROMIDE)	74-96-4	INTR/SYN	INHAL	RM	TR-363	PB90-219445	SE	EE	EE	CE
1,3-BUTADIENE	106-99-0	RUBR/N/S	INHAL	M	TR-288	PB85-179646			CE	CE
1,3-BUTADIENE	106-99-0	RUBR/N/S	INHAL	M	TR-434	PB94-101631			CE	CE
2-BUTOXYETHANOL (ETHYLENE GLYCOL MONOBUTYL ETHER)	111-76-2	SOLV/SYN	INHAL	RM	TR-484	PB2000-105865	NE	EE	SE	SE
TERT-BUTYL ALCOHOL	75-65-0	PHAR/SYN	WATER	RM	TR-436	PB96-162748	SE	NE	EE	SE
BUTYLATED HYDROXYTOLUENE	128-37-0	FOOD/SYN	FEED	RM	TR-150	PB298539	N	N	N	N
BUTYL BENZYL PHTHALATE	85-68-7	PLAS/SYN	FEED	RM	TR-213	PB83-118398	IS	P	N	N
BUTYL BENZYL PHTHALATE	85-68-7	PLAS/SYN	FEED	RR	TR-458	PB98-131089	SE	EE		
N-BUTYL CHLORIDE	109-69-3	INTR/SYN	GAV	RMM	TR-312	PB86-218526	NE	NE	NE	NE
T-BUTYLHYDROQUINONE	1948-33-0	FOOD	FEED	RMR	TR-459	PB98-107170	NE	NE	NE	NE
GAMMA-BUTYROLACTONE	96-48-0	INTR/SYN	GAV	RM	TR-406	PB92-189323	NE	NE	EE	NE
CALCIUM CYANAMIDE	156-62-7	PEST/SYN	FEED	RM	TR-163	PB293625	N	N	N	N
CAPROLACTAM	105-60-2	TEXL/SYN	FEED	RM	TR-214	PB82-190182	N	N	N	N
CAPTAN	133-06-2	FUNG/SYN	FEED	RM	TR-015	PB273475	N	N	P	P
CARBROMAL	77-65-6	PHAR/SYN	FEED	RM	TR-173	PB290130	N	N	N	N
D-CARVONE	2244-16-8	COSM/NATL	GAV	RM	TR-381	PB90-241100			NE	NE
CHLORAMBEN	133-90-4	HERB/SYN	FEED	RM	TR-025	PB273065	N	N	E	P
CHLORAMINATED WATER	CHLORAMINEMX	WATR/SYN	WATER	RM	TR-392	PB92-191659	NE	EE	NE	NE
CHLORDANE (ANALYTICAL GRADE)	57-74-9	PEST/SYN	FEED	RM	TR-008	PB271977	N	N	P	P
CHLORDECONE (KEPONE)	143-50-0	PEST/SYN	FEED	RM	****	PB264041	P	P	P	P
CHLORENDIC ACID	115-28-6	FLAM/SYN	FEED	RM	TR-304	PB87-206835	CE	CE	CE	NE
CHLORINATED PARAFFINS: C12, 60% CHLORINE	108171-26-2	RUBR/SYN	GAV	RM	TR-308	PB86-248101	CE	CE	CE	CE
CHLORINATED PARAFFINS: C23, 43% CHLORINE	108171-27-3	RUBR/SYN	GAV	RM	TR-305	PB86-248093	NE	EE	CE	EE
CHLORINATED TRISODIUM PHOSPHATE	56802-99-4	DTRG	GAV	RM	TR-294	PB87-189718	IS	IS	NE	NE
CHLORINATED WATER	CHLORWATERMX	WATR/SYN	WATER	RM	TR-392	PB92-191659	NE	EE	NE	NE
2-CHLOROACETOPHENONE (CN)	532-27-4	MLTR/SYN	INHAL	RM	TR-379	PB90-256066	NE	EE	NE	NE
4-(CHLOROACETYL)ACETANILIDE	140-49-8	DYE /SYN	FEED	RM	TR-177	PB288754	N	N	N	N
P-CHLOROANILINE	106-47-8	DYE /SYN	FEED	RM	TR-189	PB295896	E	N	E	E
P-CHLOROANILINE HYDROCHLORIDE	20265-96-7	DYE	GAV	RM	TR-351	PB90-222563	CE	EE	SE	NE
O-CHLOROBENZALMALONONITRILE (CS)	2698-41-1	MLTR/SYN	INHAL	RM	TR-377	PB90-256280	NE	NE	NE	NE
CHLOROBENZENE	108-90-7	SOLV	GAV	RM	TR-261	PB86-144714	E	N	N	N
CHLOROBENZILATE	510-15-6	PEST/SYN	FEED	RM	TR-075	PB287123	E	E	P	P
CHLORODIBROMOMETHANE	124-48-1	LABC/NATL	GAV	RM	TR-282	PB86-166675	NE	NE	EE	SE
CHLOROETHANE	75-00-3	INTR/SYN	INHAL	RM	TR-346	PB90-225053	EE	EE	IS	CE
2-CHLOROETHANOL (ETHYLENE CHLOROHYDRIN)	107-07-3	SOLV/SYN	SP	RM	TR-275	PB86-145513	NE	NE	NE	NE
2-CHLOROETHYLTRIMETHYLAMMONIUM CHLORIDE	999-81-5	FOOD/SYN	FEED	RM	TR-158	PB293627	N	N	N	N
CHLOROFORM	67-66-3	SOLV/SYN	GAV	RM	****	PB264018	P	N	P	P
3-CHLORO-2-METHYLPROPENE	563-47-3	PEST/SYN	GAV	RM	TR-300	PB86-247293	CE	CE	CE	CE
2-CHLOROMETHYLPYRIDINE HYDROCHLORIDE	6959-47-3	INTR/SYN	GAV	RM	TR-178	PB295895	N	N	N	N
3-CHLOROMETHYLPYRIDINE HYDROCHLORIDE	6959-48-4	INTR	GAV	RM	TR-095	PB287125	P	E	P	P
4-CHLORO-M-PHENYLENEDIAMINE	5131-60-2	INTR/SYN	FEED	RM	TR-085	PB285201	P	N	N	P
4-CHLORO-O-PHENYLENEDIAMINE	95-83-0	DYE /SYN	FEED	RM	TR-063	PB283362	P	P	P	P
2-CHLORO-P-PHENYLENEDIAMINE SULFATE	61702-44-1	DYE /SYN	FEED	RM	TR-113	PB286370	N	N	N	N
CHLOROPICRIN	76-06-2	PEST/SYN	GAV	RM	TR-065	PB282311	IS	IS	N	N
CHLOROPRENE	126-99-8	PLAS/SYN	INHAL	RM	TR-467	PB99-123671	CE	CE	CE	CE
1-CHLORO-2-PROPANOL, TECHNICAL	127-00-4	INTR/SYN	WATER	RM	TR-477	PB99-119240	NE	NE	NE	NE
CHLOROTHALONIL	1897-45-6	PEST/SYN	FEED	RM	TR-041	PB286369	P	P	N	N
3-CHLORO-P-TOLUIDINE	95-74-9	DYE /SYN	FEED	RM	TR-145	PB287401	N	N	N	N
5-CHLORO-O-TOLUIDINE	95-79-4	INTR/SYN	FEED	RM	TR-187	PB291468	N	N	P	P
4-CHLORO-O-TOLUIDINE HYDROCHLORIDE	3165-93-3	INTR/SYN	FEED	RM	TR-165	PB295864	N	N	P	P
CHLORPHENIRAMINE MALEATE	113-92-8	PHAR/SYN	GAV	RM	TR-317	PB87-146759	NE	NE	NE	NE
CHLORPROPAMIDE	94-20-2	PHAR/SYN	FEED	RM	TR-045	PB275178	N	N	N	N
C.I. ACID ORANGE 3	6373-74-6	DYE /SYN	GAV	RM	TR-335	PB89-216550	NE	CE	NE	NE
C.I. ACID ORANGE 10	1936-15-8	DYE /SYN	FEED	RM	TR-211	PB88-169347	N	N	N	N
C.I. ACID RED 14	3567-69-9	DYE /SYN	FEED	RM	TR-220	PB82-201468	N	N	N	N
C.I. ACID RED 114	6459-94-5	DYE	WATER	R	TR-405	PB92-189380	CE	CE		
C.I. BASIC RED 9 MONOHYDROCHLORIDE	569-61-9	DYE /SYN	FEED	RM	TR-285	PB86-186509	CE	CE	CE	CE
C.I. DIRECT BLUE 15	2429-74-5	DYE	WATER	R	TR-397	PB93-126373	CE	CE		
C.I. DIRECT BLUE 218	28407-37-6	DYE	FEED	RMR	TR-430	PB94-215993	SE	NE	CE	CE
C.I. DISPERSE BLUE 1	2475-45-8	DYE /SYN	FEED	RM	TR-299	PB86-248051	CE	CE	EE	NE
C.I. DISPERSE YELLOW 3	2832-40-8	DYE	FEED	RM	TR-222	PB82-230061	P	N	N	P
C.I. PIGMENT RED 3	2425-85-6	DYE	FEED	RM	TR-407	PB92-191634	SE	SE	SE	NE

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See Page 3 for explanation of Carcinogen Codes.
**** No Technical Report number was assigned to this report.

Printed Long Term Technical Reports and Short Term Toxicity Study Reports

CHEMICAL NAME	PRIMARY CAS NUMBER	USE	ROUTE	SPEC	RPT NO.	NTIS ** NUMBER	CARCINOGEN CODES MR	FR	MM	FM*+
LONG-TERM STUDIES:										
C.I. PIGMENT RED 23	6471-49-4	DYE	FEED	RM	TR-411	PB93-228435	EE	NE	NE	NE
C.I. SOLVENT YELLOW 14	842-07-9	DYE /SYN	FEED	RM	TR-226	PB83-126474	P	P	N	N
C.I. VAT YELLOW 4	128-66-5	DYE	FEED	RM	TR-134	PB288821	N	N	P	N
CINNAMYL ANTHRANILATE	87-29-6	FOOD/SYN	FEED	RM	TR-196	PB81-143141	P	N	P	P
CLONITRALID	1420-04-8	PEST	FEED	RM	TR-091	PB287124	N	E	IS	N
COBALT SULFATE HEPTAHYDRATE	10026-24-1	PNT /NATL	INHAL	RM	TR-471	PB99-106627	SE	CE	CE	CE
CODEINE	76-57-3	PHAR/N/S	FEED	RM	TR-455	PB97-116743	NE	NE	NE	NE
CORN OIL	8001-30-7	FOOD/NATL	GAV	R	TR-426	PB95-103958				
COUMAPHOS	56-72-4	PEST/SYN	FEED	RM	TR-096	PB290305	N	N	N	N
COUMARIN	91-64-5	PHAR/NATL	GAV	RM	TR-422	PB94-215761	SE	EE	SE	CE
M-CRESIDINE	102-50-1	DYE	GAV	RM	TR-105	PB286188	P	P	IS	N
P-CRESIDINE	120-71-8	DYE	FEED	RM	TR-142	PB295835	P	P	P	P
CUPFERRON	135-20-6	REAG/SYN	FEED	RM	TR-100	PB287409	P	P	P	P
CYTEMBENA	21739-91-3	CMOT/SYN	IP/IJ	RM	TR-207	PB82-163312	P	P	N	N
DAMINOZIDE	1596-84-5	HERB/SYN	FEED	RM	TR-083	PB285073	N	P	E	N
D & C RED NO. 9	5160-02-1	DYE /SYN	FEED	RM	TR-225	PB82-229592	P	E	N	N
D & C YELLOW NO. 11	8003-22-3	DYE /SYN	FEED	R	TR-463	PB97-107154	SE	SE		
DECABROMODIPHENYL OXIDE	1163-19-5	FLAM	FEED	RM	TR-309	PB86-247780	SE	SE	EE	NE
DIALLYL PHTHALATE	131-17-9	PLAS	GAV	M	TR-242	PB83-200824			E	E
DIALLYL PHTHALATE	131-17-9	PLAS	GAV	R	TR-284	PB86-203742	NE	EE		
4,4'-DIAMINO-2,2'-STILBENEDISULFONIC ACID, DISODIUM SALT	7336-20-1	DYE,/SYN	FEED	RM	TR-412	PB93-132504	NE	NE	NE	NE
2,4-DIAMINOANISOLE SULFATE	39156-41-7	DYE /SYN	FEED	RM	TR-084	PB279940	P	P	P	P
2,4-DIAMINOPHENOL DIHYDROCHLORIDE	137-09-7	PHOT/SYN	GAV	RM	TR-401	PB93-117919	NE	NE	SE	NE
2,4-DIAMINOTOLUENE (2,4-TOLUENE DIAMINE)	95-80-7	DYE /SYN	FEED	RM	TR-162	PB293593	P	P	N	P
DIARYLANILIDE YELLOW	6358-85-6	DYE	FEED	RM	TR-030	PB278272	N	N	N	N
DIAZINON	333-41-5	PEST/SYN	FEED	RM	TR-137	PB293889	N	N	N	N
DIBENZO-P-DIOXIN	262-12-4	INTR/SYN	FEED	RM	TR-122	PB288475	N	N	N	N
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	FUME/SYN	GAV	RM	TR-028	PB277472	P	P	P	P
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	FUME/SYN	INHAL	RM	TR-206	PB82-225632	P	P	P	P
1,2-DIBROMOETHANE	106-93-4	PEST/SYN	GAV	RM	TR-086	PB288428	P	P	P	P
1,2-DIBROMOETHANE	106-93-4	PEST/SYN	INHAL	RM	TR-210	PB82-181710	P	P	P	P
2,3-DIBROMO-1-PROPANOL	96-13-9	FLAM/SYN	SP	RM	TR-400	PB94-206687	CE	CE	CE	CE
DIBUTYLTIN DIACETATE	1067-33-0	INTR/SYN	FEED	RM	TR-183	PB291567	N	IS	N	N
1,2-DICHLOROBENZENE (O-DICHLOROBENZENE)	95-50-1	PEST/SYN	GAV	RM	TR-255	PB86-144888	N	N	N	N
1,4-DICHLOROBENZENE (P-DICHLOROBENZENE)	106-46-7	PEST/SYN	GAV	RM	TR-319	PB87-208617	CE	NE	CE	CE
2,7-DICHLORODIBENZO-P-DIOXIN	33857-26-0	GERM/SYN	FEED	RM	TR-123	PB290570	N	N	E	N
P,P'-DICHLORODIPHENOLDICHLOROETHYLENE	72-55-9	ENVH/SYN	FEED	RM	TR-131	PB286367	N	N	P	P
DICHLORODIPHENYLTRICHLOROETHANE (DDT)	50-29-3	PEST/SYN	FEED	RM	TR-131	PB286367	N	N	N	N
1,1-DICHLOROETHANE	75-34-3	SOLV/SYN	GAV	RM	TR-066	PB283345	N	E	N	E
1,2-DICHLOROETHANE	107-06-2	SOLV/SYN	GAV	RM	TR-055	PB285968	P	P	P	P
2,4-DICHLOROPHENOL	120-83-2	ENVH/SYN	FEED	RM	TR-353	PB90-106170	NE	NE	NE	NE
2,6-DICHLORO-P-PHENYLENEDIAMINE	609-20-1	INTR	FEED	RM	TR-219	PB82-184052	N	N	P	P
1,2-DICHLOROPROPANE (PROPYLENE DICHLORIDE)	78-87-5	PEST/SYN	GAV	RM	TR-263	PB87-114443	NE	EE	SE	SE
1,3-DICHLOROPROPENE (TELONE II)	542-75-6	PEST/SYN	GAV	RM	TR-269	PB85-230449	CE	SE	IS	CE
DICHLORVOS	62-73-7	PEST/SYN	FEED	RM	TR-010	PB270937	N	N	N	N
DICHLORVOS	62-73-7	PEST/SYN	GAV	RM	TR-342	PB90-198508	SE	EE	SE	CE
DICOFOL	115-32-2	PEST/SYN	FEED	RM	TR-090	PB286206	N	N	P	N
N,N'-DICYCLOHEXYLTHIOUREA	1212-29-9	REAG	FEED	RM	TR-056	PB281539	N	N	N	N
DIELDRIN	60-57-1	PEST/SYN	FEED	RM	TR-021	PB275666	N	N	E	N
DIELDRIN	60-57-1	PEST/SYN	FEED	R	TR-022	PB275676	N	N		
DIESEL FUEL MARINE	DIESELFUEL	FUEL/N/S	SP	M	TR-310	PB87-131678			EE	EE
DIETHANOLAMINE	111-42-2	TEXL/SYN	SP	RM	TR-478	PB99-167553	NE	NE	CE	CE
DI(2-ETHYLHEXYL)ADIPATE	103-23-1	PLAS/SYN	FEED	RM	TR-212	PB82-185927	N	N	P	P
DI(2-ETHYLHEXYL) PHTHALATE	117-81-7	PLAS/SYN	FEED	RM	TR-217	PB82-184011	P	P	P	P
DI(P-ETHYLPHENYL)DICHLOROETHANE	72-56-0	PEST/SYN	FEED	RM	TR-156	PB290582	N	N	N	E
DIETHYL PHTHALATE	84-66-2	INTR	SP	RM	TR-429	PB96-162276	NE	NE	EE	EE
DIETHYL PHTHALATE/DIMETHYL PHTHALATE	DIETH/DIMETH	PLAS	SP	M	TR-429	PB96-162276				
N,N'-DIETHYLTHIOUREA	105-55-5	METL/SYN	FEED	RM	TR-149	PB288626	P	P	N	N
DIGLYCIDYL RESORCINOL ETHER (DGRE)	101-90-6	PLAS/NATL	GAV	RMR	TR-257	PB87-146734	P	P	P	P
3,4-DIHYDROCOUMARIN	119-84-6	FOOD/NATL	GAV	RM	TR-423	PB95-103925	SE	NE	NE	SE
1,2-DIHYDRO-2,2,4-TRIMETHYLQUINOLINE (MONOMER)	147-47-7	RUBR/SYN	SP	RMM	TR-456	PB98-101009	SE	NE	NE	NE
1,2-DIHYDRO-2,2,4-TRIMETHYLQUINOLINE (MONOMER)	147-47-7	RUBR/SYN	SP	RM	TR-456	PB98-101009				
DIMETHOATE	60-51-5	PEST/SYN	FEED	RM	TR-004	PB264367	N	N	N	N
DIMETHOXANE	828-00-2	PNT /SYN	GAV	RM	TR-354	PB90-220096	NE	NE	EE	NE

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LONG-TERM STUDIES:										
2,4-DIMETHOXYANILINE HYDROCHLORIDE	54150-69-5	DYE	FEED	RM	TR-171	PB288625	N	N	N	N
3,3'-DIMETHOXYBENZIDINE DIHYDROCHLORIDE	20325-40-0	DYE	WATER	R	TR-372	PB90-241076	CE	CE		
3,3'-DIMETHOXYBENZIDINE-4,4'-DIISOCYANATE	91-93-0	INTR/SYN	FEED	RM	TR-128	PB290154	P	P	N	N
N,N-DIMETHYLANILINE	121-69-7	DYE /SYN	GAV	RM	TR-360	PB90-227240	SE	NE	NE	EE
3,3'-DIMETHYLBENZIDINE DIHYDROCHLORIDE	612-82-8	DYE	WATER	R	TR-390	PB92-103779	CE	CE		
DIMETHYL HYDROGEN PHOSPHITE	868-85-9	FLAM/SYN	GAV	RM	TR-287	PB86-144805	CE	EE	NE	NE
DIMETHYL METHYLPHOSPHONATE	756-79-6	FLAM/SYN	GAV	RM	TR-323	PB88-168695	SE	NE	IS	NE
DIMETHYL MORPHOLINOPHOSPHORAMIDATE	597-25-1	MLTR	GAV	RM	TR-298	PB86-186491	SE	SE	NE	NE
DIMETHYL TEREPHTHALATE	120-61-6	TEXL/SYN	FEED	RM	TR-121	PB299903	N	N	E	N
DIMETHYLVINYL CHLORIDE (DMVC)	513-37-1	INTR/SYN	GAV	RMM	TR-316	PB87-115184	CE	CE	CE	CE
2,4-DINITROTOLUENE	121-14-2	DYE /SYN	FEED	RM	TR-054	PB280990	P	P	N	N
1,4-DIOXANE	123-91-1	SOLV/SYN	WATER	RM	TR-080	PB285711	P	P	P	P
DIOXATHION	78-34-2	PEST/SYN	FEED	RM	TR-125	PB286185	N	N	N	N
DIPHENHYDRAMINE HYDROCHLORIDE	147-24-0	PHAR/SYN	FEED	RM	TR-355	PB90-219437	EE	EE	NE	NE
5,5-DIPHENYLHYDANTOIN (PHENYTOIN)	57-41-0	PHAR/SYN	FEED	RM	TR-404	PB94-216009	EE	NE	NE	CE
2,5-DITHIOBIUREA	142-46-1	PHOT/SYN	FEED	RM	TR-132	PB291535	N	N	N	E
DOXYLAMINE	469-21-6	PHAR/SYN	FEED	RM	***					
EMETINE HYDROCHLORIDE	316-42-7	CMOT/NATL	IP/IJ	RM	TR-043	PB278891	IS	IS	IS	IS
ENDOSULFAN	115-29-7	PEST/SYN	FEED	RM	TR-062	PB281731	IS	N	IS	N
ENDRIN	72-20-8	PEST/SYN	FEED	RM	TR-012	PB288461	N	N	N	N
EPHEDRINE SULFATE	134-72-5	PHAR/N/S	FEED	RM	TR-307	PB86-247285	NE	NE	NE	NE
EPINEPHRINE HYDROCHLORIDE	55-31-2	PHAR/NATL	INHAL	RM	TR-380	PB91-142323	IS	IS	IS	IS
1,2-EPOXYBUTANE	106-88-7	FUEL/SYN	INHAL	RM	TR-329	PB88-216262	CE	EE	NE	NE
ERYTHROMYCIN STEARATE	643-22-1	PHAR/NATL	FEED	RM	TR-338	PB89-178537	NE	NE	NE	NE
ESTRADIOL MUSTARD	22966-79-6	CMOT	GAV	RM	TR-059	PB285787	N	N	P	P
ETHIONAMIDE	536-33-4	PHAR/SYN	FEED	RM	TR-046	PB285193	N	N	N	N
ETHYL ACRYLATE	140-88-5	PNT /SYN	GAV	RM	TR-259	PB87-204061	P	P	P	P
ETHYLBENZENE	100-41-4	RUBR/SYN	INHAL	RM	TR-466	PB99-134694	CE	SE	SE	SE
ETHYLENE GLYCOL	107-21-1	TEXL/SYN	FEED	M	TR-413	PB93-228427			NE	NE
ETHYLENE OXIDE	75-21-8	FUME/SYN	INHAL	M	TR-326	PB88-169859			CE	CE
ETHYLENE THIOUREA (ETU)	96-45-7	PEST/SYN	FEED	RM	TR-388	PB92-191618	CE	CE	CE	CE
ETHYL TELLURAC	20941-65-5	RUBR/SYN	FEED	RM	TR-152	PB298513	E	N	E	E
EUGENOL	97-53-0	PHAR/NATL	FEED	RM	TR-223	PB84-186402	N	N	E	E
FD & C YELLOW NO. 6	2783-94-0	DYE /SYN	FEED	RM	TR-208	PB82-117433	N	N	N	N
FEED RESTRICTION STUDIES	FEEDRESTRICT			RM	TR-460	PB98-131014				
FORMULATED FENAMINOSULF	140-56-7	FUNG	FEED	RM	TR-101	PB287443	N	N	N	N
FENTHION	55-38-9	PEST/SYN	FEED	RM	TR-103	PB293832	N	N	E	N
FLUOMETURON	2164-17-2	HERB/SYN	FEED	RM	TR-195	PB80-217904	N	N	E	N
FURAN	110-00-9	INTR/N/S	GAV	RM	TR-402	PB93-228419	CE	CE	CE	CE
FURFURAL	98-01-1	INTR/N/S	GAV	RM	TR-382	PB91-108662	SE	NE	CE	SE
FURFURYL ALCOHOL	98-00-0	FOOD/N/S	INHAL	RM	TR-482	PB99-151482	SE	EE	SE	NE
FUROSEMIDE	54-31-9	PHAR/SYN	FEED	RM	TR-356	PB90-106162	EE	NE	NE	SE
GERANYL ACETATE	105-87-3	FOOD/NATL	GAV	RM	TR-252	PB88-174313	N	N	N	N
GLUTARALDEHYDE	111-30-8	ADHS/SYN	INHAL	RM	TR-490	PB2000-1014184	NE	NE	NE	NE
GLYCIDOL	556-52-5	PHAR/SYN	GAV	RM	TR-374	PB90-259094	CE	CE	CE	CE
GUAR GUM	9000-30-0	FOOD/NATL	FEED	RM	TR-229	PB82-202813	N	N	N	N
GUM ARABIC	9000-01-5	FOOD/NATL	FEED	RM	TR-227	PB82-229584	N	N	N	N
HC BLUE 1	2784-94-3	DYE,/SYN	FEED	RM	TR-271	PB86-114683	EE	SE	CE	CE
HC BLUE 2	33229-34-4	DYE /SYN	FEED	RM	TR-293	PB86-108339	NE	NE	NE	NE
HC RED 3	2871-01-4	DYE /SYN	GAV	RM	TR-281	PB86-188075	NE	NE	EE	IS
HC YELLOW 4	59820-43-8	DYE /SYN	FEED	RM	TR-419	PB93-123883	EE	NE	NE	NE
HEPTACHLOR	76-44-8	PEST/SYN	FEED	RM	TR-009	PB271967	N	E	P	P
HEXACHLOROCYCLOPENTADIENE	77-47-4	PEST/SYN	INHAL	RM	TR-437	PB94-214186	NE	NE	NE	NE
1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	57653-85-7	PEST	GAV	RM	TR-198	PB81-124844	E	P	P	P
1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	57653-85-7	PEST	SP	M	TR-202	PB81-124836			N	N
HEXACHLOROETHANE	67-72-1	SOLV/SYN	GAV	RM	TR-068	PB282668	N	N	P	P
HEXACHLOROETHANE	67-72-1	SOLV/SYN	GAV	R	TR-361	PB90-170895	CE	NE		
HEXACHLOROPHENE	70-30-4	GERM/SYN	FEED	R	TR-040	PB279525	N	N		
HEXAMETHYL-P-ROSANILINE CHLORIDE	548-62-9	PHAR/SYN	FEED	R	***					
HEXAMETHYL-P-ROSANILINE CHLORIDE	548-62-9	PHAR/SYN	FEED	M	***					
4-HEXYLRESORCINOL	136-77-6	PHAR/SYN	GAV	RM	TR-330	PB89-128607	NE	NE	EE	NE
HYDRAZOBENZENE	122-66-7	REAG/SYN	FEED	RM	TR-092	PB285791	P	P	N	P
HYDROCHLOROTHIAZIDE	58-93-5	PHAR/SYN	FEED	RM	TR-357	PB90-110156	NE	NE	EE	NE
HYDROQUINONE	123-31-9	PHOT/N/S	GAV	RM	TR-366	PB90-240839	SE	SE	NE	SE

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LONG-TERM STUDIES:										
8-HYDROXYQUINOLINE	148-24-3	PHAR/N/S	FEED	RM	TR-276	PB85-213361	NE	NE	NE	NE
ICRF-159	21416-87-5	CMOT	IP/IJ	RM	TR-078	PB285853	N	P	N	P
IPD (3,3'-IMINOBIS-1-PROPANOL DIMETHANESULFONATE (ESTER) HYD	3458-22-8	CMOT	IP/IJ	RM	TR-018	PB277455	E	E	E	E
INIT/PROM COMPARATIVE MOUSE STUDY (DMBA/TPA/BPO/MNNG)	INIT/PROM	PHAR/SYN	SP	MM	TR-441	PB96-214655				
INIT/PROM COMPARATIVE MOUSE STUDY (DMBA/TPA/BPO/MNNG)	INIT/PROM	PHAR/SYN	SP	MM	TR-441	PB96-214655				
INIT/PROM COMPARATIVE MOUSE STUDY (DMBA/TPA/BPO/MNNG)	INIT/PROM	PHAR/SYN	SP	MMM	TR-441	PB96-214655				
INTERFERON AD (AIDS INITIATIVE)	INTERFERONAD	PHAR/NATL	SC/IJ	M	TR-469	PB99-145807				
INTERFERON AD + 3'-AZIDO-3'-DEOXYTHYMIDINE (AIDS INITIATIVE)	INTAZTCOMB	PHAR/SYN	SC&GV	MM	TR-469	PB99-145807				
INTERFERON A (AIDS INITIATIVE)	76543-88-9	PHAR/SYN	SC/IJ	M	TR-469	PB99-145807				
IODINATED GLYCEROL	5634-39-9	PHAR/SYN	GAV	RM	TR-340	PB90-259102	SE	NE	NE	SE
IODOFORM	75-47-8	PHAR/SYN	GAV	RM	TR-110	PB286344	N	N	N	N
ISOBUTENE	115-11-7	RUBR/SYN	INHAL	RM	TR-487	PB99-147670	SE	NE	NE	NE
ISOBUTYL NITRITE	542-56-3	INTR/SYN	INHAL	RM	TR-448	PB97-120232	CE	CE	SE	SE
ISOBUTYRALDEHYDE	78-84-2	INTR/N/S	INHAL	RM	TR-472	PB99-134785	NE	NE	NE	NE
ISOPHORONE	78-59-1	SOLV/SYN	GAV	RM	TR-291	PB86-181823	SE	NE	EE	NE
ISOPHOSPHAMIDE	3778-73-2	CMOT/SYN	IP/IJ	RM	TR-032	PB275677	N	P	N	P
ISOPRENE	78-79-5	RUBR/N/S	INHAL	R	TR-486	PB2000-101651	CE	SE		
LASIOCARPINE	303-34-4	PHAR/NATL	FEED	R	TR-039	PB278641	P	P		
LAURIC ACID DIETHANOLAMINE CONDENSATE	120-40-1	DTRG/SYN	SP	RM	TR-480	PB99-169989	NE	NE	NE	SE
LEAD DIMETHYLDITHIOCARBAMATE	19010-66-3	OCCH	FEED	RM	TR-151	PB298512	N	N	N	N
D-LIMONENE	5989-27-5	FOOD/NATL	GAV	RM	TR-347	PB90-231416	CE	NE	NE	NE
LINDANE	58-89-9	PEST/SYN	FEED	RM	TR-014	PB273480	N	N	N	N
LITHOCHOLIC ACID	434-13-9	LABC/NATL	GAV	RM	TR-175	PB288476	N	N	N	N
LOCUST BEAN GUM	9000-40-2	FOOD/NATL	FEED	RM	TR-221	PB82-163320	N	N	N	N
MAGNETIC FIELDS (EMF)	ELECTROMAG	ELEC	WB	RM	TR-488	PB99-152886	EE	NE	NE	NE
MAGNETIC FIELDS + DMBA INITIATION PROMOTION	EMF+DMBA	ELEC/SYN	GV/WB	RRR	TR-489	PB2000-101313				
MALAOXON	1634-78-2	PEST/SYN	FEED	RM	TR-135	PB299858	N	N	N	N
MALATHION	121-75-5	PEST/SYN	FEED	RM	TR-024	PB278527	N	N	N	N
MALATHION	121-75-5	PEST/SYN	FEED	R	TR-192	PB300301	N	N		
MALONALDEHYDE, SODIUM SALT	24382-04-5	FOOD/NATL	GAV	RM	TR-331	PB89-204010	CE	CE	NE	NE
MANGANESE SULFATE MONOHYDRATE	10034-96-5	DYE /NATL	FEED	RM	TR-428	PB94-217148	NE	NE	EE	EE
D-MANNITOL	69-65-8	PHAR/N/S	FEED	RM	TR-236	PB83-129080	N	N	N	N
MELAMINE	108-78-1	INTR/SYN	FEED	RM	TR-245	PB83-202630	P	N	N	N
DL-MENTHOL	15356-70-4	PHAR/NATL	FEED	RM	TR-098	PB288761	N	N	N	N
2-MERCAPTOBENZOTHIAZOLE	149-30-4	RUBR/SYN	GAV	RM	TR-332	PB88-245154	SE	SE	NE	EE
MERCURIC CHLORIDE	7487-94-7	WOOD/SYN	GAV	RM	TR-408	PB94-101649	SE	EE	EE	NE
METHOXYCHLOR	72-43-5	PEST/SYN	FEED	RM	TR-035	PB278271	N	N	N	N
8-METHOXYPSORALEN	298-81-7	PHAR/NATL	GAV	R	TR-359	PB90-110164	CE	NE		
ALPHA-METHYLBENZYL ALCOHOL	98-85-1	COSM/SYN	GAV	RM	TR-369	PB90-241092	SE	NE	NE	NE
METHYL BROMIDE	74-83-9	FUME/SYN	INHAL	M	TR-385	PB92-189257			NE	NE
METHYL CARBAMATE	598-55-0	INTR/SYN	GAV	RM	TR-328	PB88-168570	CE	CE	NE	NE
METHYLDOPA SESQUIHYDRATE	41372-08-1	PHAR/SYN	FEED	RM	TR-348	PB89-216527	NE	NE	EE	NE
4,4'-METHYLENEBIS(N,N-DIMETHYL)BENZENAMINE	101-61-1	DYE /SYN	FEED	RM	TR-186	PB299856	P	P	E	P
METHYLENE CHLORIDE	75-09-2	SOLV/SYN	INHAL	RM	TR-306	PB86-187903	SE	CE	CE	CE
4,4'-METHYLENEDIANILINE DIHYDROCHLORIDE	13552-44-8	INTR	WATER	RM	TR-248	PB83-238824	P	P	P	P
METHYL METHACRYLATE	80-62-6	INTR/N/S	INHAL	RM	TR-314	PB87-146742	NE	NE	NE	NE
2-METHYL-1-NITROANTHRAQUINONE	129-15-7	INTR/SYN	FEED	RM	TR-029	PB277439	P	P	P	P
N-METHYLOLACRYLAMIDE	924-42-5	PLAS/SYN	GAV	RM	TR-352	PB90-226374	NE	NE	CE	CE
METHYL PARATHION	298-00-0	PEST/SYN	FEED	RM	TR-157	PB295891	N	N	N	N
METHYLPHENIDATE HYDROCHLORIDE	298-59-9	PHAR/SYN	FEED	RM	TR-439	PB96-162615	NE	NE	SE	SE
MEXACARBATE	315-18-4	PEST/SYN	FEED	RM	TR-147	PB287471	N	N	N	N
MICHLER'S KETONE	90-94-8	DYE /SYN	FEED	RM	TR-181	PB299855	P	P	P	P
MIREX	2385-85-5	PEST/SYN	FEED	RR	TR-313	PB90-241084	CE	CE		
MOLYBDENUM TRIOXIDE	1313-27-5	METL/SYN	INHAL	RM	TR-462	PB98-107048	EE	NE	SE	SE
MONOCHLOROACETIC ACID	79-11-8	DYE /SYN	GAV	RM	TR-396	PB92-189372	NE	NE	NE	NE
MONURON	150-68-5	PEST/SYN	FEED	RM	TR-266	PB89-109615	CE	NE	NE	NE
NALIDIXIC ACID	389-08-2	PHAR/SYN	FEED	RM	TR-368	PB90-256389	CE	CE	EE	NE
NAPHTHALENE	91-20-3	INTR/NATL	INHAL	M	TR-410	PB92-224260/AS			NE	SE
1,5-NAPHTHALENEDIAMINE	2243-62-1	INTR	FEED	RM	TR-143	PB287646	N	P	P	P
N-(1-NAPHTHYL)ETHYLENEDIAMINE DIHYDROCHLORIDE	1465-25-4	REAG	FEED	RM	TR-168	PB289733	N	N	N	N
NAVY FUELS JP-5	8008-20-6	FUEL/N/S	SP	M	TR-310	PB87-131678			NE	NE
NICKEL (II) OXIDE	1313-99-1	INTR/N/S	INHAL	RM	TR-451	PB97-116701	SE	SE	NE	EE
NICKEL SULFATE HEXAHYDRATE	10101-97-0	INTR/N/S	INHAL	RM	TR-454	PB97-120216	NE	NE	NE	NE
NICKEL SUBSULFIDE	12035-72-2	ENVH/N/S	INHAL	RM	TR-453	PB97-116784	CE	CE	NE	NE

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CHEMICAL NAME	PRIMARY CAS NUMBER	USE	ROUTE	SPEC	RPT NO.	NTIS ** NUMBER	CARCINOGEN CODES MR	FR	MM	FM*+
LONG-TERM STUDIES:										
NITHIAZIDE	139-94-6	PHAR/SYN	FEED	RM	TR-146	PB295897	N	P	P	E
NITRILOTRIACETIC ACID (NTA)	139-13-9	TEXL/SYN	FEED	RM	TR-006	PB266177	P	P	P	P
NITRILOTRIACETIC ACID TRISODIUM MONOHYDRATE	18662-53-8	DTRG	FEED	R	TR-006	PB266177	P	P		
NITRILOTRIACETIC ACID TRISODIUM MONOHYDRATE	18662-53-8	DTRG	FEED	RM	TR-006	PB266177	E	E	N	N
5-NITROACENAPHTHENE	602-87-9	DYE	FEED	RM	TR-118	PB287347	P	P	N	P
3-NITRO-P-ACETOPHENETIDE	1777-84-0	PHAR	FEED	RM	TR-133	PB299857	N	N	P	N
P-NITROANILINE	100-01-6	DYE /SYN	GAV	M	TR-418	PB94-104528			EE	NE
5-NITRO-O-ANISIDINE	99-59-2	INTR	FEED	RM	TR-127	PB287411	P	P	E	P
O-NITROANISOLE	91-23-6	PHAR	FEED	RMR	TR-416	PB94-109758	CE	CE	CE	SE
4-NITROANTHRANILIC ACID	619-17-0	INTR	FEED	RM	TR-109	PB286942	N	N	N	N
6-NITROBENZIMIDAZOLE	94-52-0	INTR	FEED	RM	TR-117	PB293834	N	N	P	P
P-NITROBENZOIC ACID	62-23-7	INTR	FEED	RM	TR-442	PB95-226254	NE	SE	NE	NE
NITROFEN	1836-75-5	HERB/SYN	FEED	RM	TR-184	PB296038	N	N	P	P
NITROFEN	1836-75-5	HERB/SYN	FEED	RM	TR-026	PB277440	IS	P	P	P
NITROFURANTOIN	67-20-9	PHAR/SYN	FEED	RM	TR-341	PB90-197930	SE	NE	NE	CE
NITROFURAZONE	59-87-0	PHAR/SYN	FEED	RM	TR-337	PB89-102388	EE	CE	NE	CE
NITROMETHANE	75-52-5	FUEL/SYN	INHAL	RM	TR-461	PB97-205967	NE	CE	CE	CE
1-NITRONAPHTHALENE	86-57-7	DYE /SYN	FEED	RM	TR-064	PB282310	N	N	N	N
P-NITROPHENOL	100-02-7	PEST/SYN	SP	M	TR-417	PB94-109667			NE	NE
2-NITRO-P-PHENYLENEDIAMINE	5307-14-2	DYE	FEED	RM	TR-169	PB290304	N	N	N	P
4-NITRO-O-PHENYLENEDIAMINE	99-56-9	REAG/SYN	FEED	RM	TR-180	PB290306	N	N	N	N
3-NITROPROPIONIC ACID	504-88-1	FOOD/NATL	GAV	RM	TR-052	PB281102	E	N	N	N
N-NITROSODIPHENYLAMINE	86-30-6	FLAM	FEED	RM	TR-164	PB298275	P	P	N	N
P-NITROSODIPHENYLAMINE	156-10-5	RUBR/SYN	FEED	RM	TR-190	PB291500	P	N	P	N
BETA-NITROSTYRENE	102-96-5	INTR	GAV	RM	TR-170	PB300949	N	N	N	N
5-NITRO-O-TOLUIDINE	99-55-8	DYE	FEED	RM	TR-107	PB285872	N	N	P	P
OCHRATOXIN A	303-47-9	COMT/NATL	GAV	R	TR-358	PB90-219478	CE	CE		
OLEIC ACID DIETHANOLAMINE CONDENSATE	93-83-4	COSM/SYN	SP	RM	TR-481	PB99-167561	NE	NE	NE	NE
OXAZEPAM	604-75-1	PHAR/SYN	FEED	MM	TR-443	PB94-184181			CE	CE
OXAZEPAM	604-75-1	PHAR/SYN	FEED	R	TR-468	PB99-120875	EE	NE		
4,4'-OXYDIANILINE	101-80-4	INTR/SYN	FEED	RM	TR-205	PB80-217938	P	P	P	P
OXYMETHOLONE	434-07-1	PHAR/SYN	GAV	RM	TR-485	PB2000-101419	EE	CE		
OXYTETRACYCLINE HYDROCHLORIDE	2058-46-0	PHAR/SYN	FEED	RM	TR-315	PB87-204103	EE	EE	NE	NE
OZONE	10028-15-6	IND /NATL	INHAL	RM	TR-440	PB95-226999	NE	NE	EE	SE
OZONE	10028-15-6	IND /NATL	INHAL	RM	TR-440	PB95-226999	NE	NE	EE	SE
OZONE/NNK	OZONNNKCOMB	TBCO/NATL	INHAL	R	TR-440	PB95-226999				
PARATHION	56-38-2	PEST/SYN	FEED	RM	TR-070	PB288803	E	E	N	N
PENICILLIN VK	132-98-9	PHAR/N/S	GAV	RM	TR-336	PB89-128615	NE	NE	NE	NE
PENTACHLOROANISOLE	1825-21-4	PEST	GAV	RM	TR-414	PB94-104536	SE	EE	SE	NE
PENTACHLOROETHANE	76-01-7	SOLV/SYN	GAV	RM	TR-232	PB83-206748	E	N	P	P
PENTACHLORONITROBENZENE	82-68-8	PEST/SYN	FEED	RM	TR-061	PB281732	N	N	N	N
PENTACHLORONITROBENZENE	82-68-8	PEST/SYN	FEED	M	TR-325	PB87-208633			NE	NE
PENTACHLOROPHENOL, DOWICIDE EC-7	87-86-5	WOOD/SYN	FEED	M	TR-349	PB89-216536			CE	CE
PENTACHLOROPHENOL, PURIFIED	87-86-5	PEST/SYN	FEED	R	TR-483	PB99-152878	SE	NE		
PENTACHLOROPHENOL, TECHNICAL	87-86-5	WOOD/SYN	FEED	M	TR-349	PB89-216536			CE	SE
PENTAERYTHRITOL TETRANITRATE	78-11-5	PHAR/SYN	FEED	RM	TR-365	PB90-219452	EE	EE	NE	NE
PHENAZOPYRIDINE HYDROCHLORIDE	136-40-3	PHAR/SYN	FEED	RM	TR-099	PB286207	P	P	N	P
PHENESTERIN	3546-10-9	CMOT/SYN	GAV	RM	TR-060	PB283361	N	P	P	P
PHENFORMIN HYDROCHLORIDE	834-28-6	PHAR/SYN	FEED	RM	TR-007	PB266176	N	N	N	N
PHENOL	108-95-2	PHAR/N/S	WATER	RM	TR-203	PB80-217946	N	N	N	N
PHENOLPHTHALEIN	77-09-8	PHAR/SYN	FEED	RM	TR-465	PB97-169882	CE	SE	CE	CE
PHENOXYBENZAMINE HYDROCHLORIDE	63-92-3	PHAR/SYN	IP/IJ	RM	TR-072	PB285095	P	P	P	P
PHENYLBUTAZONE	50-33-9	PHAR/SYN	GAV	RM	TR-367	PB90-258765	EE	SE	SE	NE
P-PHENYLENEDIAMINE DIHYDROCHLORIDE	624-18-0	DYE	FEED	RM	TR-174	PB290124	N	N	N	N
PHENYLEPHRINE HYDROCHLORIDE	61-76-7	PHAR/SYN	FEED	RM	TR-322	PB87-208609	NE	NE	NE	NE
1-PHENYL-3-METHYL-5-PYRAZOLONE	89-25-8	REAG	FEED	RM	TR-141	PB287122	N	N	N	N
N-PHENYL-2-NAPHTHYLAMINE	135-88-6	RUBR/SYN	FEED	RM	TR-333	PB88-216270	NE	NE	NE	EE
O-PHENYLPHENOL	90-43-7	FUNG/N/S	SP	M	TR-301	PB86-217239			NE	NE
N-PHENYL-P-PHENYLENEDIAMINE	101-54-2	INTR	FEED	RM	TR-082	PB285856	N	N	N	N
1-PHENYL-2-THIOUREA	103-85-5	REAG/SYN	FEED	RM	TR-148	PB287357	N	N	N	N
PHOSPHAMIDON	13171-21-6	PEST/SYN	FEED	RM	TR-016	PB288800	E	E	N	N
PHOTODIELDRIN	13366-73-9	PEST	FEED	RM	TR-017	PB274393	N	N	N	N
PHTHALAMIDE	88-96-0	PNT /SYN	FEED	RM	TR-161	PB293831	N	N	N	N
PHTHALIC ANHYDRIDE	85-44-9	INTR/SYN	FEED	RM	TR-159	PB293594	N	N	N	N

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LONG-TERM STUDIES:										
PICLORAM	1918-02-1	HERB/SYN	FEED	RM	TR-023	PB276471	N	E	N	N
PIPERONYL BUTOXIDE	51-03-6	PEST/N/S	FEED	RM	TR-120	PB288753	N	N	N	N
PIPERONYL SULFOXIDE	120-62-7	PEST/N/S	FEED	RM	TR-124	PB288778	N	N	P	N
PIVALOLACTONE	1955-45-9	INTR/SYN	GAV	RM	TR-140	PB287645	P	P	N	N
POLYBROMINATED BIPHENYL MIXTURE (FIREMASTER FF-1)	67774-32-7	FLAM	GAV	RM	TR-244	PB83-240473	P	P	P	P
POLYBROMINATED BIPHENYL MIXTURE (FIREMASTER FF-1)	67774-32-7	FLAM	FEED	RM	TR-398	PB94-184066	CE	CE	CE	CE
POLYSORBATE 80 (GLYCOL)	9005-65-6	PHAR/SYN	FEED	RM	TR-415	PB92-189331/AS	EE	NE	NE	NE
POLYVINYL ALCOHOL	9002-89-5	PHAR/SYN	IVAG	M	TR-474	PB98-148869				NE
PROBENECID	57-66-9	PHAR/SYN	GAV	RM	TR-395	PB92-129584/AS	NE	NE	NE	SE
PROCARBAZINE HYDROCHLORIDE	366-70-1	CMOT/SYN	IP/IJ	RM	TR-019	PB299902	P	P	P	P
PROFLAVIN HYDROCHLORIDE	952-23-8	PHAR/SYN	FEED	RM	TR-005	PB268553	E	N	E	E
PROMETHAZINE HYDROCHLORIDE	58-33-3	PHAR/SYN	GAV	RM	TR-425	PB94-210192	NE	NE	NE	NE
PROPYLENE	115-07-1	INTR/NATL	INHAL	RM	TR-272	PB86-145521	NE	NE	NE	NE
1,2-PROPYLENE OXIDE	75-56-9	INTR/SYN	INHAL	RM	TR-267	PB85-179653	SE	SE	CE	CE
PROPYL GALLATE	121-79-9	COSM/SYN	FEED	RM	TR-240	PB83-180042	E	N	E	N
PYRAZINAMIDE	98-96-4	PHAR/SYN	FEED	RM	TR-048	PB280251	N	N	N	IS
PYRIDINE	110-86-1	SOLV/SYN	WATER	RMR	TR-470		SE	EE	CE	CE
PYRIDINE	110-86-1	SOLV/SYN	WATER	R	TR-470		EE			
PYRILAMINE	91-84-9	PHAR/SYN	FEED	RM	***					
PYRIMETHAMINE	58-14-0	PHAR/SYN	FEED	RM	TR-077	PB282608	N	N	IS	N
QUERCETIN	117-39-5	PHAR/NATL	FEED	R	TR-409	PB93-147478	SE	NE		
RESERPINE	50-55-5	PHAR/NATL	FEED	RM	TR-193	PB83-165761	P	N	P	P
RESORCINOL	108-46-3	PHAR/SYN	GAV	RMR	TR-403	PB93-126381	NE	NE	NE	NE
RHODAMINE 6G	989-38-8	DYE /N/S	FEED	RM	TR-364	PB90-219460	EE	EE	NE	NE
ROTENONE	83-79-4	PEST/NATL	FEED	RM	TR-320	PB89-139760	EE	NE	NE	NE
ROXARSONE	121-19-7	REAG/SYN	FEED	RM	TR-345	PB89-216543	EE	NE	NE	NE
SAFFLOWER OIL	8001-23-8	FOOD/NATL	GAV	R	TR-426	PB95-103958				
SALICYLAZOSULFAPYRIDINE	599-79-1	PHAR/SYN	GAV	RM	TR-457	PB97-212708	SE	SE	CE	CE
SCOPOLAMINE HYDROBROMIDE TRIHYDRATE	6533-68-2	PHAR/SYN	GAV	RMM	TR-445	PB97-208946	NE	NE	NE	NE
SELENIUM SULFIDE	7446-34-6	PHAR/N/S	GAV	RM	TR-194	PB82-164955	P	P	N	P
SELENIUM SULFIDE	7446-34-6	PHAR/N/S	SP	M	TR-197	PB82-165291			N	N
SELSUN	EMTDP-74	PHAR/N/S	SP	M	TR-199	PB82-164542			N	N
SODIUM AZIDE	26628-22-8	REAG/SYN	GAV	R	TR-389	PB92-135615	NE	NE		
SODIUM DIETHYLDITHIOCARBAMATE	148-18-5	METL/SYN	FEED	RM	TR-172	PB293833	N	N	N	N
SODIUM FLUORIDE	7681-49-4	PHAR/N/S	WATER	RM	TR-393	PB91-178137	EE	NE	NE	NE
SODIUM XYLENESULFONATE	1300-72-7	DTRG/SYN	SP	RM	TR-464	PB98-168719	NE	NE	NE	NE
STANNOUS CHLORIDE	7772-99-8	DYE /SYN	FEED	RM	TR-231	PB82-242553	E	N	N	N
STYRENE	100-42-5	RUBR/SYN	GAV	RM	TR-185	PB300977	N	N	E	N
SUCCINIC ANHYDRIDE	108-30-5	FOOD/SYN	GAV	RM	TR-373	PB90-231135	NE	NE	NE	NE
SULFALLATE	95-06-7	HERB/SYN	FEED	RM	TR-115	PB286386	P	P	P	P
SULFAMETHAZINE	57-68-1	PHAR/SYN	FEED	R	***					
SULFAMETHAZINE	57-68-1	PHAR/SYN	FEED	M	***					
SULFISOXAZOLE	127-69-5	PHAR/SYN	GAV	RM	TR-138	PB288779	N	N	N	N
3-SULFOLENE	77-79-2	SOLV/SYN	GAV	RM	TR-102	PB284656	N	N	N	N
4,4'-SULFONYLDIANILINE (DAPSONE)	80-08-0	PHAR/SYN	FEED	RM	TR-020	PB274394	P	N	N	N
TALC	14807-96-6	COSM/NATL	INHAL	RM	TR-421	PB94-215985	SE	CE	NE	NE
TARA GUM	39300-88-4	FOOD/NATL	FEED	RM	TR-224	PB82-195546	N	N	N	N
2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	1746-01-6	PEST/SYN	GAV	RM	TR-209	PB82-163445	P	P	P	P
2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	1746-01-6	PEST/SYN	SP	M	TR-201	PB82-163684			E	P
TETRACHLORODIPHENYLETHANE	72-54-8	PEST/SYN	FEED	RM	TR-131	PB286367	E	N	N	N
1,1,1,2-TETRACHLOROETHANE	630-20-6	INTR	GAV	RM	TR-237	PB83-218206	E	N	P	P
1,1,2,2-TETRACHLOROETHANE	79-34-5	SOLV/SYN	GAV	RM	TR-027	PB277453	E	N	P	P
TETRACHLOROETHYLENE	127-18-4	SOLV/SYN	GAV	RM	TR-013	PB272940	IS	IS	P	P
TETRACHLOROETHYLENE	127-18-4	SOLV/SYN	INHAL	RM	TR-311	PB87-147054	CE	SE	CE	CE
2,3,5,6-TETRACHLORO-4-NITROANISOLE	2438-88-2	PEST	FEED	RM	TR-114	PB287642	N	N	N	N
TETRACHLORVINPHOS	961-11-5	PEST	FEED	RM	TR-033	PB278650	N	P	P	P
TETRACYCLINE HYDROCHLORIDE	64-75-5	PHAR/NATL	FEED	RM	TR-344	PB90-198540	NE	NE	NE	NE
TETRAETHYLTHIURAM DISULFIDE	97-77-8	PEST/SYN	FEED	RM	TR-166	PB298514	N	N	N	N
TETRAFLUOROETHYLENE	116-14-3	FOOD/SYN	INHAL	RM	TR-450	PB97-208508	CE	CE	CE	CE
1-TRANS-DELTA-9-TETRAHYDROCANNABINOL	1972-08-3	PHAR/N/S	GAV	RM	TR-446	PB97-182208	NE	NE	EE	EE
TETRAHYDROFURAN	109-99-9	SOLV/SYN	INHAL	RM	TR-475	PB98-164544	SE	NE	NE	CE
TETRAKIS(HYDROXYMETHYL)PHOSPHONIUM CHLORIDE	124-64-1	FLAM/SYN	GAV	RM	TR-296	PB87-204137	NE	NE	NE	NE
TETRAKIS(HYDROXYMETHYL)PHOSPHONIUM SULFATE	55566-30-8	FLAM/SYN	GAV	RM	TR-296	PB87-204137	NE	NE	NE	NE
TETRANITROMETHANE	509-14-8	FUEL/SYN	INHAL	RM	TR-386	PB91-113373	CE	CE	CE	CE

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*** Indicates studies conducted at the National Center for Toxicological Research--call NCTR (870-543-7407) for availability of document.

Printed Long Term Technical Reports and Short Term Toxicity Study Reports

CHEMICAL NAME	PRIMARY CAS NUMBER	USE	ROUTE	SPEC	RPT NO.	NTIS ** NUMBER	CARCINOGEN CODES MR	FR	MM	FM*+
LONG-TERM STUDIES:										
THEOPHYLLINE	58-55-9	PHAR/NATL	GAV	RM	TR-473	PB99-113342	NE	NE	NE	NE
4,4-THIOBIS(6-TERT-BUTYL-M-CRESOL)	96-69-5	RUBR/SYN	FEED	RM	TR-435	PB95-225751	NE	NE	NE	NE
4,4'-THIODIANILINE	139-65-1	DYE /SYN	FEED	RM	TR-047	PB280360	P	P	P	P
BETA-THIOGUANIDINE DEOXYRIBOSIDE	789-61-7	PHAR	IP/IJ	RM	TR-057	PB281540	E	P	IS	IS
TITANIUM DIOXIDE	13463-67-7	PHAR/N/S	FEED	RM	TR-097	PB288780	N	N	N	N
TITANOCENE DICHLORIDE	1271-19-8	LABC/SYN	GAV	RM	TR-399	PB92-129576/AS	EE	EE		
TOLAZAMIDE	1156-19-0	PHAR/SYN	FEED	RM	TR-051	PB284610	N	N	N	N
TOLBUTAMIDE	64-77-7	PHAR/SYN	FEED	RM	TR-031	PB274483	N	N	N	N
TOLUENE	108-88-3	INTR/N/S	INHAL	RM	TR-371	PB90-256371	NE	NE	NE	NE
2,6-TOLUENEDIAMINE DIHYDROCHLORIDE (2,6-DIAMINOTOLUENE DIHYD	15481-70-6	INTR/SYN	FEED	RM	TR-200	PB80-217912	N	N	N	N
2,5-TOLUENEDIAMINE SULFATE	6369-59-1	DYE	FEED	RM	TR-126	PB287127	N	N	N	N
2,4- & 2,6-TOLUENE DIISOCYANATE	26471-62-5	PLAS	GAV	RM	TR-251	PB87-115176	P	P	N	P
O-TOLUIDINE HYDROCHLORIDE	636-21-5	DYE	FEED	RM	TR-153	PB290908	P	P	P	P
TOXAPHENE	8001-35-2	PEST/SYN	FEED	RM	TR-037	PB292290	E	E	P	P
TRIAMTERENE	396-01-0	PHAR/SYN	FEED	RMM	TR-420	PB94-213782	EE	NE	SE	SE
TRIBROMOMETHANE	75-25-2	INTR/SYN	GAV	RM	TR-350	PB90-110149	SE	CE	NE	NE
TRICAPRYLIN	538-23-8	FOOD/NATL	GAV	R	TR-426	PB95-103958				
1,1,1-TRICHLOROETHANE	71-55-6	SOLV/SYN	GAV	RM	TR-003	PB265082	IS	IS	IS	IS
1,1,2-TRICHLOROETHANE	79-00-5	SOLV/SYN	GAV	RM	TR-074	PB283337	N	N	P	P
TRICHLOROETHYLENE	79-01-6	SOLV/SYN	GAV	RM	TR-002	PB264122	N	N	P	P
TRICHLOROETHYLENE	79-01-6	SOLV/SYN	GAV	RR	TR-273	PB88-218896	IS	IS		
TRICHLOROETHYLENE	79-01-6	SOLV/SYN	GAV	RR	TR-273	PB88-218896	IS	IS		
TRICHLOROETHYLENE	79-01-6	SOLV/SYN	GAV	RM	TR-243	PB91-111815	IS	N	P	P
TRICHLOROFLUOROMETHANE	75-69-4	SOLV/SYN	GAV	RM	TR-106	PB286187	IS	IS	N	N
2,4,6-TRICHLOROPHENOL	88-06-2	HERB/SYN	FEED	RM	TR-155	PB293770	P	N	P	P
1,2,3-TRICHLOROPROPANE	96-18-4	PNT /SYN	GAV	RM	TR-384	PB94-207784	CE	CE	CE	CE
TRICRESYL PHOSPHATE	1330-78-5	PLAS/SYN	FEED	RM	TR-433	PB95-227377	NE	NE	NE	NE
TRIETHANOLAMINE	102-71-6	DTRG/SYN	SP	RMM	TR-449	PB2000-102846	EE	NE	IS	IS
TRIFLURALIN	1582-09-8	HERB/SYN	FEED	RM	TR-034	PB278610	N	N	N	P
2,4,5-TRIMETHYLANILINE	137-17-7	DYE	FEED	RM	TR-160	PB293802	P	P	E	P
TRIMETHYLPHOSPHATE	512-56-1	FUEL	GAV	RM	TR-081	PB285851	P	N	N	P
TRIMETHYLTHIOUREA	2489-77-2	INTR	FEED	RM	TR-129	PB288802	N	P	N	N
TRIPHENYLTIN HYDROXIDE	76-87-9	PEST/SYN	FEED	RM	TR-139	PB287399	N	N	N	N
TRIPROLIDINE	486-12-4	PHAR/SYN	FEED	RM	***					
TRIS(AZIRIDINYL)-PHOSPHINE SULFIDE (THIO-TEPA)	52-24-4	CMOT/SYN	IP/IJ	RM	TR-058	PB285702	P	P	P	P
TRIS(2-CHLOROETHYL) PHOSPHATE	115-96-8	FLAM/SYN	GAV	RM	TR-391	PB92-105147	CE	CE	EE	EE
TRIS(2,3-DIBROMOPROPYL) PHOSPHATE	126-72-7	FLAM/SYN	FEED	RM	TR-076	PB280271	P	P	P	P
TRIS(2-ETHYLHEXYL)PHOSPHATE	78-42-2	FLAM	GAV	RM	TR-274	PB85-171502	EE	NE	NE	SE
TRISODIUM ETHYLENEDIAMINETETRAACETATE TRIHYDRATE (EDTA)	150-38-9	FOOD/SYN	FEED	RM	TR-011	PB270938	N	N	N	N
L-TRYPTOPHAN	73-22-3	FOOD/NATL	FEED	RM	TR-071	PB285792	N	N	N	N
TURMERIC, OLEORESIN (CURCUMIN)	8024-37-1	FOOD/NATL	FEED	RM	TR-427	PB94-184173	NE	EE	EE	EE
4-VINYLCYCLOHEXENE	100-40-3	INTR	GAV	RM	TR-303	PB87-116182	IS	IS	IS	CE
4-VINYL-1-CYCLOHEXENE DIEPOXIDE	106-87-6	INTR	SP	RM	TR-362	PB90-219957	CE	CE	CE	CE
VINYLIDENE CHLORIDE	75-35-4	INTR/SYN	GAV	RM	TR-228	PB82-258393	N	N	N	N
VINYL TOLUENE	25013-15-4	SOLV/SYN	INHAL	RM	TR-375	PB90-260035	NE	NE	NE	NE
XYLENES (MIXED)	1330-20-7	INTR/SYN	GAV	RM	TR-327	PB87-189684	NE	NE	NE	NE
2,6-XYLIDINE	87-62-7	DYE /SYN	FEED	R	TR-278	PB90-256363	P	P		
ZEARALENONE	17924-92-4	PHAR/NATL	FEED	RM	TR-235	PB83-165753	N	N	P	P
ZIRAM	137-30-4	RUBR/SYN	FEED	RM	TR-238	PB83-202622	P	N	N	E

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See Page 3 for explanation of Carcinogen Codes.

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Chronic Studies for Which Technical Reports Were Not Prepared

CHEMICAL NAME	PRIMARY CAS NUMBER	USE	ROUTE	SPEC	COMMENTS	FOOTNOTE REFERENCE
ACTINOMYCIN D	50-76-0	CMOT/NATL	IP/IJ	R8M4	RESULTS REPORTED IN JOURNAL ARTICLE	a
AGARITINE	2757-90-6	CMOT/NATL	WATER	M4	RESULTS REPORTED IN JOURNAL ARTICLE	e
AZATHIOPRINE	446-86-6	PHAR/SYN	IP/IJ	R8M4	RESULTS REPORTED IN JOURNAL ARTICLE	a
BENZYL CHLORIDE	100-44-7	INTR/SYN	GAV	R2M3	RESULTS REPORTED IN JOURNAL ARTICLE	h
1,3-BIS(CHLOROETHYL)-1-NITROSOUREA	154-93-8	CMOT	IP/IJ	R8M4	RESULTS REPORTED IN JOURNAL ARTICLE	a
CHLORAMBUCIL	305-03-3	CMOT/SYN	IP/IJ	R8M4	RESULTS REPORTED IN JOURNAL ARTICLE	a
CYCLOHEXANONE	108-94-1	SOLV/SYN	WATER	R2M3	RESULTS REPORTED IN JOURNAL ARTICLE	j
CYCLOPHOSPHAMIDE	50-18-0	CMOT/SYN	IP/IJ	R8M4	RESULTS REPORTED IN JOURNAL ARTICLE	a
CYTARABINE	147-94-4	PHAR/SYN	IP/IJ	R8M4	RESULTS REPORTED IN JOURNAL ARTICLE	a
CYTOXAL ALCOHOL	4465-94-5	CMOT	IP/IJ	R8M4	RESULTS REPORTED IN JOURNAL ARTICLE	a
DACARBAZINE	4342-03-4	CMOT/SYN	IP/IJ	R8M4	RESULTS REPORTED IN JOURNAL ARTICLE	a
DAUNOMYCIN	20830-81-3	CMOT/NATL	IP/IJ	R8M4	RESULTS REPORTED IN JOURNAL ARTICLE	a
O,P'-DDD	53-19-0	PEST/SYN	IP/IJ	R8M4	RESULTS REPORTED IN JOURNAL ARTICLE	a
DIBROMODULCITOL	10318-26-0	CMOT/SYN	IP/IJ	R8M4	RESULTS REPORTED IN JOURNAL ARTICLE	a
DIBROMOMANNITOL	488-41-5	CMOT/SYN	IP/IJ	R8M4	RESULTS REPORTED IN JOURNAL ARTICLE	a
DICHLOROMETHOTREXATE	528-74-5	CMOT	IP/IJ	R8M4	RESULTS REPORTED IN JOURNAL ARTICLE	a
GUANAZOLE	1455-77-2	CMOT	IP/IJ	R8M4	RESULTS REPORTED IN JOURNAL ARTICLE	a
HYDROXYUREA	127-07-1	CMOT/SYN	IP/IJ	R8M4	RESULTS REPORTED IN JOURNAL ARTICLE	a
LOMUSTINE	13010-47-4	CMOT/SYN	IP/IJ	R8M4	RESULTS REPORTED IN JOURNAL ARTICLE	a
MELPHALAN	148-82-3	CMOT/SYN	IP/IJ	R8M4	RESULTS REPORTED IN JOURNAL ARTICLE	a
6-MERCAPTOPURINE	50-44-2	CMOT/SYN	IP/IJ	R8M4	RESULTS REPORTED IN JOURNAL ARTICLE	a
MERPHALAN	531-76-0	CMOT	IP/IJ	R8M4	RESULTS REPORTED IN JOURNAL ARTICLE	a
METHAPYRILENE HYDROCHLORIDE	135-23-9	PHAR/SYN	FEED	R2M3	RESULTS REPORTED IN JOURNAL ARTICLE	f
METHOTREXATE	59-05-2	CMOT/SYN	IP/IJ	R8M4	RESULTS REPORTED IN JOURNAL ARTICLE	a
METHYL CCNU	13909-09-6	CMOT	IP/IJ	R8M4	RESULTS REPORTED IN JOURNAL ARTICLE	a
6-METHYLMERCAPTOPURINE RIBONUCLEOSIDE	342-69-8	CMOT	IP/IJ	R8M4	RESULTS REPORTED IN JOURNAL ARTICLE	a
2-METHYL-1-NITROANTHRAQUINONE	129-15-7	INTR/SYN	FEED	M3	RESULTS REPORTED IN JOURNAL ARTICLE	d
MITOMYCIN C	50-07-7	CMOT/N/S	IP/IJ	R8M4	RESULTS REPORTED IN JOURNAL ARTICLE	a
MOUSE AGEING STUDY	MOUSEAGE		NA	M3	RESULTS REPORTED IN JOURNAL ARTICLE	o
NITROFURAZONE	59-87-0	PHAR/SYN	FEED	M3	RESULTS TO BE PUBLISHED.	
N-NITROSODIETHANOLAMINE	1116-54-7	COMT/SYN	WATER	R2M	RESULTS REPORTED IN JOURNAL ARTICLE	l
NTP 90 DIET STUDY	DIET90	FEED/SYN	FEED	R M3	RESULTS REPORTED IN JOURNAL ARTICLE	n
NTP 91/92 DIET STUDY	DIET9192	FEED/SYN	FEED	R2	RESULTS REPORTED IN JOURNAL ARTICLE	n
PREDNISONE	53-03-2	CMOT/N/S	IP/IJ	R8M4	RESULTS REPORTED IN JOURNAL ARTICLE	a
PROCARBAZINE HYDROCHLORIDE	366-70-1	CMOT/SYN	IP/IJ	R8M4	RESULTS REPORTED IN JOURNAL ARTICLE	a
ROTENONE	83-79-4	PEST/NATL	IP/IJ	R2	RESULTS REPORTED IN NCTR REPORT	m
STREPTOZOTOCIN	18883-66-4	CMOT/NATL	IP/IJ	R8M4	RESULTS REPORTED IN JOURNAL ARTICLE	a
STYRENE OXIDE	96-09-3	INTR	GAV	R2M3	RESULTS REPORTED IN JOURNAL ARTICLE	k
URACIL MUSTARD	66-75-1	CMOT/SYN	IP/IJ	R8M4	RESULTS REPORTED IN JOURNAL ARTICLE	a
VINBLASTINE	865-21-4	CMOT/NATL	IP/IJ	R8M4	RESULTS REPORTED IN JOURNAL ARTICLE	a
VINCRISTINE	57-22-7	CMOT/NATL	IP/IJ	R8M4	RESULTS REPORTED IN JOURNAL ARTICLE	a
WOLLASTONITE CALCIUM SILICATES	13983-17-0	PNT /NATL	INHAL	R2	RESULTS REPORTED IN JOURNAL ARTICLE	i

With the exception of those documents available only through the National Technical Information Service* the following papers are available upon request from the Central Data Management Group at 919-541-3419.

a EK Weisburger, Bioassay Program for Carcinogenic Hazards of Cancer Chemotherapeutic Agents. Cancer 40:1935-1949 (1977)
d ASK Murthy, JR Baker, ER Smith, GG Wade, Development of Hemangiosarcomas in B6C3F1 Mice Fed 2-Methyl-1-Nitroanthraquinone. Int. J. Cancer 19:117-121 (1977)
e B Toth, CR Raha, L Wallcave, D Nagel, Attempted Tumor Induction with Agaritine in Mice. Anticancer Res 1:255-258 (1981)
f W Lijinsky, MD Reuber, BN Blackwell, Liver Tumors Induced in Rats by Oral Administration of the Antihistaminic Methapyrilene Hydrochloride. Science 209:817-819 (1980)
h W Lijinsky, Chronic Bioassay of Benzyl Chloride in F344 Rats and (C57BL/6JXBALB/C)F1 Mice. J. Nat'l Cancer Inst 76, No. 6:1231-1235 (1986)
i McConnell EE, Hall L, Adkins B Jr., Studies on the Chronic Toxicity (Inhalation) of Wollastonite in Fischer 344 Rats. Inhalation Toxicology 3:323-337 (1991).
j W Lijinsky, RM Kovatch, Chronic Toxicity Study of Cyclohexanone in Rats and Mice. J. Nat'l Cancer Inst 77, No. 4:941-949 (1986)
k W Lijinsky, Rat and Mouse Forestomach Tumors Induced by Chronic Oral Administration of Styrene Oxide. J. Nat'l Cancer Inst 77, No. 2:471-476 (1986)
l W Lijinsky, RM Kovatch, Induction of Liver Tumors in Rats by Nitrosodiethanolamine at Low Doses. Carcinogenesis 6, No. 12:1679-1681 (1985)
m Tumorogenic Potential of Rotenone and its Specificity for Mammary Tissue, published by National Center for Toxicological Research (NCTR Experiment No. 216). Call NCTR (501-543-7115) for availability of document.
n GN Rao, J Edmondson and MR Elwell. Influence of dietary fat and fiber on growth and tumor incidences in Fischer 344 rats (presented in an abstract at the 33rd annual meeting of the Society ofToxicology in March 1994). Toxicologist 14(1):303, 1994.
o GN Rao. Growth, Body Weight Patterns, and life Span of the B6C3F1 Mouse. Pathology of the Mouse (R. Maronpot, Ed.) Cache River Press, Vienna, IL. (1999)

* National Technical Information Service, Department of Commerce, 5285 Port Royal Road, Springfield, Virginia 22161, Phone: 1-800-553-6847 or (703)487-4650.

Prechronic Studies for Which Toxicity Technical Reports were not Prepared

CHEMICAL NAME	PRIMARY CAS NUMBER	USE	ROUTE	SPEC
ACETONITRILE	75-05-8	SOLV/SYN	INHAL	RM
9-AMINOACRIDINE HYDROCHLORIDE	134-50-9	PHAR/SYN	SP	RM
9-AMINOACRIDINE HYDROCHLORIDE	134-50-9	PHAR/SYN	FEED	RM
2-(4-AMINOPHENYL)-6-METHYL-7-BENZOTHIAZOLE SULFONIC ACID	130-17-6	INTR	FEED	RM
ARSINE	7784-42-1	ELEC/SYN	INHAL	RMH
3'-AZIDO-3'-DEOXYTHYMIDINE/2',3'-DIDEOXYCYTIDINE	AZTDDCCOMB	PHAR/SYN	GAV	M
3'-AZIDO-3'-DEOXYTHYMIDINE + 2',3'-DIDEOXYINOSINE (AIDS INIT	AZTDDICOMB	PHAR/SYN	GAV	M
AZODICARBONAMIDE	123-77-3	RUBR/SYN	INHAL	RM
AZT + ISONIAZID (AIDS INITIATIVE)	AZTISONIAZID	PHAR/SYN	GAV	MM
AZT + PYRAZINAMIDE COMBINATION (AIDS INITIATIVE)	AZTZINAMIDE	PHAR/SYN	GAV	MM
AZT + RIFAMPIN (AIDS INITIATIVE)	AZTRIFAMPIN	PHAR	GAV	MM
AZT + TMP/SMX (MIXTURE) COMBINATION	AZTTMPSMX	PHAR	GAV	MM
BARIUM CHLORIDE DIHYDRATE	10326-27-9	DYE /NATL	WATER	RM
BENZETHONIUM CHLORIDE	121-54-0	GERM/SYN	SP	RM
BENZIDINE DIHYDROCHLORIDE	531-85-1	DYE	WATER	R
BENZONITRILE	100-47-0	INTR/N/S	GAV	RM
O-BENZYL-P-CHLOROPHENOL	120-32-1	GERM/SYN	GAV	RM
BENZYLTRIMETHYL AMMONIUM CHLORIDE	56-93-9	DYE	GAV	RM
BENZYLTRIMETHYL AMMONIUM CHLORIDE	56-93-9	DYE	SP	RM
2,2-BIS(BROMOMETHYL)-1,3-PROPANEDIOL	3296-90-0	FLAM/SYN	GAV	RM
2,2-BIS(BROMOMETHYL)-1,3-PROPANEDIOL	3296-90-0	FLAM/SYN	FEED	RM
BROMOBENZENE	108-86-1	INTR/SYN	INHAL	RM
BROMOBENZENE	108-86-1	INTR/SYN	GAV	RM
1,3-BUTADIENE	106-99-0	RUBR/N/S	INHAL	R
BUTYL BENZYL PHTHALATE	85-68-7	PLAS/SYN	FEED	R
BUTYRALDEHYDE	123-72-8	FOOD/NATL	GAV	RM
CAFFEINE	58-08-2	PHAR/NATL	WATER	RM
CARBON DISULFIDE	75-15-0	SOLV/SYN	INHAL	R
CARBON DISULFIDE	75-15-0	SOLV/SYN	INHAL	R
CARBON DISULFIDE	75-15-0	SOLV/SYN	INHAL	M
CARISOPRODOL	78-44-4	PHAR/SYN	GAV	RM
CARISOPRODOL	78-44-4	PHAR/SYN	GAV	RM
CHLORAMPHENICOL SODIUM SUCCINATE	982-57-0	PHAR/N/S	FEED	RM
4-CHLORO-2-NITROANILINE	89-63-4	DYE /SYN	GAV	RM
CHLOROPRENE	126-99-8	PLAS/SYN	INHAL	RM
CHLOROPRENE	126-99-8	PLAS/SYN	INHAL	M
CHLOROPRENE	126-99-8	PLAS/SYN	INHAL	MMM
1-CHLORO-2-PROPANOL, TECHNICAL	127-00-4	INTR/SYN	WATER	RM
1-CHLORO-2-PROPANOL, TECHNICAL	127-00-4	INTR/SYN	INHAL	RM
C.I. DIRECT BLUE 6	2602-46-2	DYE	WATER	R
C.I. DIRECT BLUE 218	28407-37-6	DYE	FEED	RM
1,8-CINEOL	470-82-6	PHAR/NATL	MICRO	RM
1,8-CINEOL	470-82-6	PHAR/NATL	GAV	RM
CINNAMALDEHYDE	104-55-2	FOOD/N/S	FEED	RM
TRANS-CINNAMALDEHYDE	14371-10-9	FOOD/NATL	GAV	R
CITRAL	5392-40-5	FOOD/NATL	GAV	RM
CITRAL	5392-40-5	FOOD/NATL	MICRO	RM
CODEINE	76-57-3	PHAR/N/S	FEED	RM
COUMARIN	91-64-5	PHAR/NATL	GAV	RM
P-CRESIDINE	120-71-8	DYE	FEED	MMM
CROTONALDEHYDE	4170-30-3	INTR/SYN	GAV	RM
2-CYCLOHEXEN-1-ONE	930-68-7	INTR/SYN	INHAL	RM
CYCLOHEXENE OXIDE	286-20-4	IND,/SYN	SP	RM
CYCLOHEXENE OXIDE	286-20-4	IND,/SYN	GAV	RM
CYCLOHEXENE OXIDE	286-20-4	IND,/SYN	GAV	RM
2,4-DECADIENAL	25152-84-5	FOOD/N/S	GAV	RM
1,2-DIBROMO-2,4-DICYANOBUTANE	35691-65-7	FUNG/SYN	GAV	RM
1,2-DIBROMO-2,4-DICYANOBUTANE	35691-65-7	FUNG/SYN	SP	RM
5,6-DICHLORO-2-BENZOTHIAZOLAMINE	24072-75-1	INTR	FEED	RM
P,P'-DICHLORODIPHENYL SULFONE	80-07-9	PLAS	FEED	RM
CIS & TRANS 1,2-DICHLOROETHYLENE	540-59-0	SOLV/SYN	MICRO	RM
CIS-1,2-DICHLOROETHYLENE	156-59-2	SOLV	MICRO	RM
TRANS-1,2-DICHLOROETHYLENE	156-60-5	SOLV	MICRO	RM
TRANS-1,2-DICHLOROETHYLENE	156-60-5	SOLV	GAV	RM
2,3-DICHLOROPROPYLENE	78-88-6	PEST/SYN	INHAL	RM
2',3'-DIDEOXYCYTIDINE	7481-89-2	PHAR/SYN	GAV	RM
2',3'-DIDEOXYINOSINE (AIDS INITIATIVE)	69655-05-6	PHAR/SYN	GAV	M

Prechronic Studies for Which Toxicity Technical Reports were not Prepared

CHEMICAL NAME	PRIMARY CAS NUMBER	USE	ROUTE	SPEC
3,4-DIHYDROCOUMARIN	119-84-6	FOOD/NATL	GAV	RM
1,2-DIHYDRO-2,2,4-TRIMETHYLQUINOLINE (MONOMER)	147-47-7	RUBR/SYN	SP	RM
1,2-DIHYDRO-2,2,4-TRIMETHYLQUINOLINE (MONOMER)	147-47-7	RUBR/SYN	SP	RM
1,2-DIHYDRO-2,2,4-TRIMETHYLQUINOLINE (POLYMER)	26780-96-1	RUBR	SP	RM
DIPROPYLENE GLYCOL	25265-71-8	INTR	WATER	RM
DIVINYLBENZENE	1321-74-0	PLAS	INHAL	M
ELMIRON (SODIUM PENTOSANPOLYSULFATE)	37319-17-8	PHAR/SYN	GAV	RM
ETHOXYQUIN	91-53-2	FOOD/SYN	FEED	RM
ETHYL VINYL KETONE	1629-58-9	INTR/N/S	INHAL	RM
FERROCENE	102-54-5	FUEL/SYN	INHAL	RM
FORMALDEHYDE	50-00-0	FUNG/NATL	INHAL	M
FUMONISIN B1	116355-83-0	FEED/NATL	FEED	RM
FURFURYL ALCOHOL	98-00-0	FOOD/N/S	INHAL	RM
GALLIUM ARSENIDE	1303-00-0	ELEC/SYN	INHAL	RM
GALLIUM OXIDE	12024-21-4	METL/NATL	INHAL	RM
GLYCINE + BENZYL ACETATE COMBINATION STUDY	GLYCINEBENZA		FEED	R
GLYOXAL	107-22-2	PAPR/SYN	WATER	RM
2,4-HEXADIENAL	142-83-6	FOOD/N/S	GAV	RM
INTERFERON AD + DDC (AIDS INITIATIVE)	INTDDCCOMB	PHAR/SYN	SC/IJ	M
ISOBUTYRALDEHYDE	78-84-2	INTR/N/S	INHAL	RM
LEAD(2+) ACETATE	301-04-2	PHAR/SYN	FEED	R
LEAD CONTAMINATED SOIL	PBCONTAMSOIL	COMT/NATL	FEED	R
LEAD ORES	LEADORES	METL/NATL	FEED	R
LEAD OXIDE	1317-36-8	INTR/N/S	FEED	R
LEAD SULFIDE	1314-87-0	PNT /NATL	FEED	R
LEAD SULFIDE	1314-87-0	PNT /NATL	FEED	R
MAGNETIC FIELDS (EMF)	ELECTROMAG	ELEC	WB	MM
MANGANESE SULFATE MONOHYDRATE	10034-96-5	DYE /NATL	FEED	RM
2-MERCAPTOBENZIMIDAZOLE	583-39-1	ELEC/SYN	INHAL	RM
2-MERCAPTOBENZIMIDAZOLE	583-39-1	ELEC/SYN	INHAL	RM
METHAPYRILENE HYDROCHLORIDE	135-23-9	PHAR/SYN	FEED	RM
METHDILAZINE	1982-37-2	PHAR/SYN	GAV	RM
6-METHOXY-2-BENZOTHIAZOLAMINE	1747-60-0	INTR	FEED	RM
4-(6-METHYL-2-BENZOTHIAZOLYL)-BENZENAMINE	92-36-4	INTR	FEED	RM
METHYL BROMIDE	74-83-9	FUME/SYN	INHAL	RM
METHYL BROMIDE	74-83-9	FUME/SYN	INHAL	RM
METHYL COUMARIN	92-48-8	FOOD/NATL	GAV	RM
METHYLENE BLUE TRIHYDRATE	7220-79-3	DYE	GAV	RM
METHYLENE BLUE TRIHYDRATE	7220-79-3	DYE	GAV	RM
METHYLEUGENOL	93-15-2	FOOD/NATL	GAV	RM
3-METHYL-6-METHOXY-2-AMINO-BENZOTHIAZOLIUM CHLORIDE	EMTDP-76	INTR	FEED	RM
3-METHYL-6-METHOXY-2-AMINO-BENZOTHIAZOLIUM CHLORIDE	EMTDP-76	INTR	GAV	R
METHYLPHENIDATE HYDROCHLORIDE	298-59-9	PHAR/SYN	FEED	RM
ALPHA-METHYLSTYRENE	98-83-9	INTR	INHAL	RM
METHYL VINYL KETONE	78-94-4	PHAR/SYN	INHAL	RM
MOLYBDENUM TRIOXIDE	1313-27-5	METL/SYN	INHAL	RM
P-NITROANILINE	100-01-6	DYE /SYN	GAV	M
O-NITROANISOLE	91-23-6	PHAR	FEED	RM
NITROBENZENE	98-95-3	SOLV/SYN	SP	RM
M-NITROBENZOIC ACID	121-92-6	INTR	FEED	RM
P-NITROBENZOIC ACID	62-23-7	INTR	FEED	RM
5-(4-NITROPHENYL)-2,4-PENTADIEN-1-AL (NPPD)	2608-48-2	LABC	SP	RM
5-(4-NITROPHENYL)-2,4-PENTADIEN-1-AL (NPPD)	2608-48-2	LABC	FEED	RM
P-NITROTOLUENE	99-99-0	DYE /SYN	GAV	RM
NTP-2000 DIET	DIET2000	FEED/SYN	FEED	R
NTP-88 DIET STUDY (EGMBE)	DIET88+EGMBE	SOLV/SYN	WATER	RM
NTP-88 DIET STUDY (EGMEE)	DIET88+EGMEE	SOLV/SYN	WATER	RM
NTP-88 DIET STUDY (EGMME)	DIET88+EGMME	SOLV/SYN	WATER	RM
NTP-88 DIET STUDY (M-NITROTOLUENE)	DIET88+MNITR	DYE	FEED	RM
NTP-88 DIET STUDY (O-NITROTOLUENE)	DIET88+ONITR	DYE	FEED	RM
NTP-88 DIET STUDY (P-NITROTOLUENE)	DIET88+PNITR	DYE	FEED	RM
OXYMETHOLONE	434-07-1	PHAR/SYN	FEED	RM
PENTACHLOROPHENOL, DP-2	87-86-5	PEST/SYN	FEED	M
PENTACHLOROPHENOL, PURIFIED	87-86-5	PEST/SYN	FEED	M
PHENOLPHTHALEIN	77-09-8	PHAR/SYN	FEED	RM
PHOSPHINE	7803-51-2	PEST/NATL	INHAL	RM
PREVENTION 1 (MELATONIN)	73-31-4	PHAR/NATL	GAV	M

Prechronic Studies for Which Toxicity Technical Reports were not Prepared

CHEMICAL NAME	PRIMARY CAS NUMBER	USE	ROUTE	SPEC
PREVENTION 1 (FLAXSEED OIL)	8001-26-1	PNT,/NATL	GAV	M
PREVENTION 1 (FLAXSEED OIL + MELATONIN)	FLAXSEED+MEL	N/A /N/S	GAV	M
PROMETHAZINE HYDROCHLORIDE	58-33-3	PHAR/SYN	GAV	RM
PROPANTHELINE BROMIDE	50-34-0	PHAR/SYN	FEED	RM
RESERPINE	50-55-5	PHAR/NATL	FEED	MMM
RETINOID PROJECT 2 (4-(HYDROXYPHENYL)RETINAMIDE)	65646-68-6	PHAR/N/S	FEED	M
RETINOID PROJECT 1	RETINOID1	PHAR/N/S	FEED	M
RETINOID PROJECT 3 (RETINOL ACETATE)	127-47-9	PHAR/N/S	FEED	M
RETINOID PROJECT 4 (4-HYDROXYPHENYL)RETINAMIDE	65646-68-6	PHAR/N/S	FEED	M
RETINOID PROJECT 5 (4-HYDROXYPHENYL)RETINAMIDE	65646-68-6	PHAR/N/S	FEED	M
RETINOID PROJECT 6 (AROTINOID)	125533-88-2	PHAR/N/S	FEED	MM
RETINOID PROJECT 3 (AROTINOID)	125533-88-2	PHAR/N/S	FEED	M
RETINOID PROJECT 5 (AROTINOID)	125533-88-2		FEED	M
RETINOID PROJECT 6 (4-HPR)	65646-68-6	PHAR/N/S	FEED	MM
RETROVIRAL VECTORS	RETROVIRVECT	PHAR	IP/IJ	M
RETROVIRAL VECTORS	RETROVIRVECT	PHAR	IP/IJ	RR
RETROVIRAL VECTORS	RETROVIRVECT	PHAR	WB	RMM
RETROVIRAL VECTORS	RETROVIRVECT	PHAR	IV	MM
SALICYLAZOSULFAPYRIDINE	599-79-1	PHAR/SYN	GAV	RM
SCOPOLAMINE HYDROBROMIDE TRIHYDRATE	6533-68-2	PHAR/SYN	GAV	RM
SCOPOLAMINE HYDROBROMIDE TRIHYDRATE	6533-68-2	PHAR/SYN	WATER	RM
SILICA, CRYSTALLINE - QUARTZ	14808-60-7	ELEC/NATL	INHAL	R
SILICA, CRYSTALLINE - QUARTZ	14808-60-7	ELEC/NATL	INHAL	R
SILICA, CRYSTALLINE - QUARTZ	14808-60-7	ELEC/NATL	INHAL	R
SODIUM NITRITE	7632-00-0	INTR/SYN	WATER	RM
SODIUM XYLENESULFONATE	1300-72-7	DTRG/SYN	SP	RM
STYRENE	100-42-5	RUBR/SYN	INHAL	RM
TETRAFLUOROETHYLENE	116-14-3	FOOD/SYN	INHAL	RM
1-TRANS-DELTA-9-TETRAHYDROCANNABINOL	1972-08-3	PHAR/N/S	GAV	RM
TETRAHYDROFURAN	109-99-9	SOLV/SYN	GAV	RM
TETRAHYDROFURAN	109-99-9	SOLV/SYN	INHAL	RM
THEOPHYLLINE	58-55-9	PHAR/NATL	GAV	RM
THEOPHYLLINE	58-55-9	PHAR/NATL	FEED	RM
4,4-THIOBIS(6-TERT-BUTYL-M-CRESOL)	96-69-5	RUBR/SYN	FEED	RM
THIOPHENE	110-02-1	PHAR/N/S	INHAL	RM
D-ALPHA-TOCOPHERYL ACETATE	58-95-7	FOOD/NATL	GAV	RR
TOLUENE	108-88-3	INTR/N/S	GAV	RM
TRANSGENIC LECM (1-CHLORO-2-PROPANOL, TECHNICAL)	127-00-4	INTR/SYN	WATER	M
TRANSGENIC LECM (1-CHLORO-2-PROPANOL, TECHNICAL)	127-00-4	INTR/SYN	SP	M
TRANSGENIC LECM (COCONUT OIL ACID DIETHANOLAMINE CONDENSATE)	68603-42-9	TEXL/N/S	SP	M
TRANSGENIC LECM (COCONUT OIL ACID DIETHANOLAMINE CONDENSATE)	68603-42-9	TEXL/N/S	SP	M
TRANSGENIC LECM (FURFURYL ALCOHOL)	98-00-0	FOOD/N/S	SP	M
TRANSGENIC LECM (LAURIC ACID DIETHANOLAMINE CONDENSATE)	120-40-1	DTRG/SYN	SP	M
TRANSGENIC LECM (LAURIC ACID DIETHANOLAMINE CONDENSATE)	120-40-1	DTRG/SYN	SP	M
TRANSGENIC LECM (OLEIC ACID DIETHANOLAMINE CONDENSATE)	93-83-4	COSM/SYN	SP	M
TRANSGENIC LECM (OLEIC ACID DIETHANOLAMINE CONDENSATE)	93-83-4	COSM/SYN	SP	M
TRANSGENIC LECM (PENTACHLOROPHENOL)	87-86-5	PEST/SYN	FEED	M
TRANSGENIC LECM (PENTACHLOROPHENOL)	87-86-5	PEST/SYN	SP	M
TRANSGENIC LECM (PYRIDINE)	110-86-1	SOLV/SYN	WATER	M
TRANSGENIC LECM (PYRIDINE)	110-86-1	SOLV/SYN	SP	M
TRANSGENIC LECM (TETRADECANOYL PHORBOL ACETATE (TPA))	16561-29-8	NATL/NATL	SP	MM
TRANSGENIC LEP (P-ANISIDINE HYDROCHLORIDE)	20265-97-8	INTR/SYN	FEED	M M
TRANSGENIC LEP (CYCLOSPORIN A)	59865-13-3	PHAR/NATL	GAV	M M
TRANSGENIC LEP (MELPHALAN)	148-82-3	CMOT/SYN	GAV	M M
TRANSGENIC LEP (P-CRESIDINE)	120-71-8	DYE	FEED	M M
TRANSGENIC LEP (RESORCINOL)	108-46-3	PHAR/SYN	GAV	M M
TRANSGENIC LEP (VINYL CARBAMATE)	15805-73-9	INTR/SYN	IP/IJ	M M
TRANSGENIC MODEL EVALUATION (BROMODICHLOROMETHANE)	75-27-4	INTR/SYN	GAV	M
TRANSGENIC MODEL EVALUATION (BROMODICHLOROMETHANE)	75-27-4	INTR/SYN	WATER	M
TRANSGENIC MODEL EVALUATION (PHENOLPHTHALEIN)	77-09-8	PHAR/SYN	FEED	M
TRANSGENIC LECM (DIETHANOLAMINE)	111-42-2	TEXL/SYN	SP	M
TRIAMTERENE	396-01-0	PHAR/SYN	FEED	RM
TRICHLORFON	52-68-6	PEST/SYN	FEED	RM
TRICHLOROETHYLENE	79-01-6	SOLV/SYN	FEED	R
TRICHLOROETHYLENE	79-01-6	SOLV/SYN	GAV	R
1,2,3-TRICHLOROPROPANE	96-18-4	PNT /SYN	GAV	RM
TRICRESYL PHOSPHATE	1330-78-5	PLAS/SYN	GAV	RM

Prechronic Studies for Which Toxicity Technical Reports were not Prepared

CHEMICAL NAME	PRIMARY CAS NUMBER	USE	ROUTE	SPEC
TRIETHANOLAMINE	102-71-6	DTRG/SYN	WATER	RM
TRIETHANOLAMINE	102-71-6	DTRG/SYN	SP	RM
TRIETHANOLAMINE	102-71-6	DTRG/SYN	INHAL	RM
TRIMELLITIC ANHYDRIDE	552-30-7	INTR/SYN	FEED	RM
TRIMELLITIC ANHYDRIDE	552-30-7	INTR/SYN	GAV	RM
TRIPELENNAMINE HYDROCHLORIDE	154-69-8	PHAR/SYN	FEED	RM
VANADIUM PENTOXIDE	1314-62-1	INTR/NATL	INHAL	RM
VINYLIDENE FLUORIDE	75-38-7	SOLV/SYN	INHAL	RM

Index of Chemicals by CAS Number with Reference Location:

	CAS NUMBER	CHEMICAL NAME	PAGE	REF
	50-00-0	FORMALDEHYDE	37	*
	50-07-7	MITOMYCIN C	35	17
	50-18-0	CYCLOPHOSPHAMIDE	35	17
	50-21-5	ALPHA-HYDROXY ACIDS (LACTIC ACID)	19	2
	50-29-3	DICHLORODIPHENYLTRICHLOROETHANE (DDT)	29	16
	50-33-9	PHENYLBUTAZONE	32	16
	50-34-0	PROPANTHELINE BROMIDE	38	*
	50-44-2	6-MERCAPTOPURINE	35	17
	50-55-5	RESERPINE	33	16
	50-55-5	RESERPINE	38	*
	50-76-0	ACTINOMYCIN D	35	17
	50-81-7	L-ASCORBIC ACID	27	16
	51-03-6	PIPERONYL BUTOXIDE	33	16
@	51-79-6	URETHANE + ETHANOL (COMBINATION)	22	8
		(PRIMARY CAS NUMBER IS URETHCOMB)		
	51-79-6	URETHANE	22	8
@	51-79-6	URETHANE + ETHANOL (COMBINATION)	26	16
		(PRIMARY CAS NUMBER IS URETHCOMB)		
	51-79-6	URETHANE	26	16
	52-24-4	TRIS(AZIRIDINYL)-PHOSPHINE SULFIDE (THIO	34	16
	52-68-6	TRICHLORFON	38	*
	53-03-2	PREDNISONE	35	17
	53-19-0	O,P'-DDD	35	17
	54-31-9	FUROSEMIDE	30	16
@	54-85-3	AZT + ISONIAZID (AIDS INITIATIVE)	36	*
		(PRIMARY CAS NUMBER IS AZTISONIAZID)		
	55-31-2	EPINEPHRINE HYDROCHLORIDE	30	16
	55-38-9	FENTHION	30	16
@	56-23-5	CHEMICAL MIXTURE - DRINKING WATER CONTAM	25	16
		(PRIMARY CAS NUMBER IS CHEMMIXH2O)		
	56-38-2	PARATHION	32	16
@	56-40-6	GLYCINE + BENZYL ACETATE COMBINATION STU	37	*
		(PRIMARY CAS NUMBER IS GLYCINEBENZA)		
	56-53-1	TRANSGENIC MODEL EVALUATION (DES)	21	5
	56-53-1	TRANSGENIC MODEL EVALUATION (DES)	21	6
	56-53-1	TRANSGENIC MODEL EVALUATION (DES)	23	12
	56-53-1	TRANSGENIC MODEL EVALUATION (DES)	23	12
	56-72-4	COUMAPHOS	29	16
	56-93-9	BENZYLTRIMETHYL AMMONIUM CHLORIDE	25	16
	56-93-9	BENZYLTRIMETHYL AMMONIUM CHLORIDE	36	*
	56-93-9	BENZYLTRIMETHYL AMMONIUM CHLORIDE	36	*
	57-06-7	ALLYL ISOTHIOCYANATE	27	16
@	57-14-7	ASBESTOS, CHRYSOTILE(IR) + DIMETHYL HYDR	27	16
		(PRIMARY CAS NUMBER IS 12001-29-5)		
@	57-14-7	ASBESTOS, CHRYSOTILE(IR) + DIMETHYL HYDR	27	16
		(PRIMARY CAS NUMBER IS 12001-29-5)		
	57-22-7	VINCRISTINE	35	17
	57-41-0	5,5-DIPHENYLHYDANTOIN (PHENYTOIN)	30	16
	57-63-6	TRANSGENIC MODEL EVALUATION (ETHINYL EST	21	5
	57-63-6	TRANSGENIC MODEL EVALUATION (ETHINYL EST	21	5
	57-66-9	PROBENECID	33	16
	57-68-1	SULFAMETHAZINE	33	16
	57-68-1	SULFAMETHAZINE	33	16
	57-74-9	CHLORDANE (ANALYTICAL GRADE)	28	16
@	57-97-6	INIT/PROM COMPARATIVE MOUSE STUDY (DMBA/	31	16
		(PRIMARY CAS NUMBER IS INIT/PROM)		
@	57-97-6	INIT/PROM COMPARATIVE MOUSE STUDY (DMBA/	31	16
		(PRIMARY CAS NUMBER IS INIT/PROM)		
@	57-97-6	INIT/PROM COMPARATIVE MOUSE STUDY (DMBA/	31	16
		(PRIMARY CAS NUMBER IS INIT/PROM)		
@	57-97-6	MAGNETIC FIELDS + DMBA INITIATION PROMOT	31	16
		(PRIMARY CAS NUMBER IS EMF+DMBA)		
	58-08-2	CAFFEINE	36	*
	58-14-0	PYRIMETHAMINE	33	16
	58-33-3	PROMETHAZINE HYDROCHLORIDE	33	16
	58-33-3	PROMETHAZINE HYDROCHLORIDE	38	*
	58-55-9	THEOPHYLLINE	34	16
	58-55-9	THEOPHYLLINE	38	*
	58-55-9	THEOPHYLLINE	38	*
	58-89-9	LINDANE	31	16
	58-93-5	HYDROCHLOROTHIAZIDE	30	16
	58-95-7	D-ALPHA-TOCOPHERYL ACETATE	38	*
	59-05-2	METHOTREXATE	35	17
	59-87-0	NITROFURAZONE	32	16
	59-87-0	NITROFURAZONE	35	17
	60-13-9	DL-AMPHETAMINE SULFATE	27	16
	60-51-5	DIMETHOATE	29	16
	60-57-1	DIELDRIN	29	16
	60-57-1	DIELDRIN	29	16
	61-76-7	PHENYLEPHRINE HYDROCHLORIDE	32	16
	62-23-7	P-NITROBENZOIC ACID	32	16
	62-23-7	P-NITROBENZOIC ACID	37	*
	62-73-7	DICHLORVOS	29	16
	62-73-7	DICHLORVOS	29	16
	63-05-8	ANDROSTENEDIONE	20	4
	63-05-8	ANDROSTENEDIONE	20	4
	63-92-3	PHENOXYBENZAMINE HYDROCHLORIDE	32	16
@	64-17-5	URETHANE + ETHANOL (COMBINATION)	22	8
		(PRIMARY CAS NUMBER IS URETHCOMB)		
	64-17-5	ETHANOL	22	8
@	64-17-5	URETHANE + ETHANOL (COMBINATION)	26	16
		(PRIMARY CAS NUMBER IS URETHCOMB)		
	64-18-6	FORMIC ACID	26	16
	64-75-5	TETRACYCLINE HYDROCHLORIDE	33	16
	64-77-7	TOLBUTAMIDE	34	16
	66-75-1	URACIL MUSTARD	35	17
	67-20-9	NITROFURANTOIN	32	16
	67-47-0	5-(HYDROXYMETHYL)-2-FURFURAL	20	3
	67-47-0	5-(HYDROXYMETHYL)-2-FURFURAL	23	12
@	67-64-1	CHEMICAL MIXTURE - DRINKING WATER CONTAM	25	16
		(PRIMARY CAS NUMBER IS CHEMMIXH2O)		
	67-64-1	ACETONE	25	16
@	67-66-3	CHEMICAL MIXTURE - DRINKING WATER CONTAM	25	16
		(PRIMARY CAS NUMBER IS CHEMMIXH2O)		
	67-66-3	CHLOROFORM	28	16
	67-72-1	HALOGENATED ETHANES CS (HEXACHLOROETHANE	26	16
	67-72-1	HEXACHLOROETHANE	30	16
	67-72-1	HEXACHLOROETHANE	30	16
	68-12-2	DIMETHYLFORMAMIDE	26	16
@	68-26-8	RETINOID PROJECT 1	38	*
		(PRIMARY CAS NUMBER IS RETINOID1)		
	69-65-8	D-MANNITOL	31	16
@	70-25-7	INIT/PROM COMPARATIVE MOUSE STUDY (DMBA/	31	16
		(PRIMARY CAS NUMBER IS INIT/PROM)		
@	70-25-7	INIT/PROM COMPARATIVE MOUSE STUDY (DMBA/	31	16
		(PRIMARY CAS NUMBER IS INIT/PROM)		
@	70-25-7	INIT/PROM COMPARATIVE MOUSE STUDY (DMBA/	31	16
		(PRIMARY CAS NUMBER IS INIT/PROM)		
	70-30-4	HEXACHLOROPHENE	30	16
	71-43-2	TRANSGENIC MODEL EVALUATION II (BENZENE)	21	5
@	71-43-2	CHEMICAL MIXTURE - DRINKING WATER CONTAM	25	16
		(PRIMARY CAS NUMBER IS CHEMMIXH2O)		
	71-43-2	BENZENE	27	16
	71-55-6	1,1,1-TRICHLOROETHANE	24	14
@	71-55-6	CHEMICAL MIXTURE - DRINKING WATER CONTAM	25	16
		(PRIMARY CAS NUMBER IS CHEMMIXH2O)		
	71-55-6	HALOGENATED ETHANES CS (1,1,1-TRICHLOROE	26	16
	71-55-6	1,1,1-TRICHLOROETHANE	34	16
	72-20-8	ENDRIN	30	16
	72-43-5	METHOXYCHLOR	31	16
	72-54-8	TETRACHLORODIPHENYLETHANE	33	16
	72-55-9	P,P'-DICHLORODIPHENOLDICHLOROETHYLENE	29	16
	72-56-0	DI(P-ETHYLPHENYL)DICHLOROETHANE	29	16
	73-22-3	L-TRYPTOPHAN	34	16
	73-31-4	MELATONIN	20	3
@	73-31-4	PREVENTION 2 (SILYMARIN + MELATONIN)	20	5
		(PRIMARY CAS NUMBER IS SILYMARN+MEL)		
@	73-31-4	PREVENTION 4 (MELATONIN + CURCUMIN)	21	5
		(PRIMARY CAS NUMBER IS MEL+CURCUMIN)		
@	73-31-4	PREVENTION 4 (MELATONIN+INDOLE-3-CARBINO	21	5
		(PRIMARY CAS NUMBER IS MEL+INDOLCAR)		
	73-31-4	PREVENTION 2 (MELATONIN)	20	5
	73-31-4	PREVENTION 3 (MELATONIN)	20	5
	73-31-4	PREVENTION 4 (MELATONIN)	21	5
@	73-31-4	PREVENTION 1 (FLAXSEED OIL + MELATONIN)	38	*
		(PRIMARY CAS NUMBER IS FLAXSEED+MEL)		
	73-31-4	PREVENTION 1 (MELATONIN)	37	*
	74-83-9	METHYL BROMIDE	31	16

@ Denotes multiple CAS numbers for study--see following line for primary CAS number.

* See Appendix, Prechronic Studies for Which Toxicity Technical Reports were not Prepared

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	CAS NUMBER	CHEMICAL NAME	PAGE	REF
	74-83-9	METHYL BROMIDE	37	*
	74-83-9	METHYL BROMIDE	37	*
	74-96-4	BROMOETHANE (ETHYL BROMIDE)	28	16
	75-00-3	CHLOROETHANE	28	16
	75-05-8	ACETONITRILE	27	16
	75-05-8	ACETONITRILE	36	*
@	75-09-2	CHEMICAL MIXTURE - DRINKING WATER CONTAM	25	16
		(PRIMARY CAS NUMBER IS CHEMMIXH2O)		
	75-09-2	METHYLENE CHLORIDE	31	16
	75-12-7	FORMAMIDE	20	3
	75-12-7	FORMAMIDE	23	12
	75-15-0	CARBON DISULFIDE	36	*
	75-15-0	CARBON DISULFIDE	36	*
	75-15-0	CARBON DISULFIDE	36	*
	75-21-8	ETHYLENE OXIDE	30	16
@	75-25-2	CHEMICAL MIXTURE - DRINKING WATER CONTAM	25	16
		(PRIMARY CAS NUMBER IS CHEMMIXH2O)		
	75-25-2	TRIBROMOMETHANE	34	16
	75-26-3	2-BROMOPROPANE	19	2
	75-27-4	WATER DISINFECTION MODEL (BROMODICHLOROM	21	5
	75-27-4	WATER DISINFECTION MODEL (BROMODICHLOROM	21	5
	75-27-4	WATER DISINFECTION MODEL (BROMODICHLOROM	21	5
	75-27-4	WATER DISINFECTION MODEL (BROMODICHLOROM	21	5
	75-27-4	WATER DISINFECTION MODEL (BROMODICHLOROM	21	5
	75-27-4	WATER DISINFECTION BYPRODUCTS (BROMODICH	22	7
	75-27-4	BROMODICHLOROMETHANE	28	16
	75-27-4	TRANSGENIC MODEL EVALUATION (BROMODICHLO	38	*
	75-27-4	TRANSGENIC MODEL EVALUATION (BROMODICHLO	38	*
	75-31-0	ISOPROPYLAMINE	19	2
@	75-34-3	CHEMICAL MIXTURE - DRINKING WATER CONTAM	25	16
		(PRIMARY CAS NUMBER IS CHEMMIXH2O)		
	75-34-3	1,1-DICHLOROETHANE	29	16
@	75-35-4	CHEMICAL MIXTURE - DRINKING WATER CONTAM	25	16
		(PRIMARY CAS NUMBER IS CHEMMIXH2O)		
	75-35-4	VINYLIDENE CHLORIDE	34	16
	75-38-7	VINYLIDENE FLUORIDE	39	*
	75-47-8	IODOFORM	31	16
	75-52-5	FISH PROJECT 1 (NITROMETHANE)	22	8
	75-52-5	FISH PROJECT 1 (NITROMETHANE)	22	8
	75-52-5	NITROMETHANE	32	16
	75-56-9	1,2-PROPYLENE OXIDE	33	16
	75-65-0	TERT-BUTYL ALCOHOL	25	16
	75-65-0	TERT-BUTYL ALCOHOL	28	16
	75-69-4	TRICHLOROFLUOROMETHANE	34	16
	75-95-6	HALOGENATED ETHANES CS (PENTABROMOETHANE	26	16
	76-01-7	HALOGENATED ETHANES CS (PENTACHLOROETHAN	26	16
	76-01-7	PENTACHLOROETHANE	32	16
	76-06-2	CHLOROPICRIN	28	16
	76-12-0	HALOGENATED ETHANES CS (1,2-DIFLUORO-1,1	26	16
	76-22-2	DL-CAMPHOR	23	12
	76-44-8	HEPTACHLOR	30	16
	76-57-3	CODEINE	29	16
	76-57-3	CODEINE	36	*
	76-87-9	TRIPHENYLTIN HYDROXIDE	34	16
	77-09-8	TRANSGENIC MODEL EVALUATION II (PHENOLPH	21	5
	77-09-8	PHENOLPHTHALEIN	32	16
	77-09-8	PHENOLPHTHALEIN	37	*
	77-09-8	TRANSGENIC MODEL EVALUATION (PHENOLPHTHA	38	*
	77-47-4	HEXACHLOROCYCLOPENTADIENE	30	16
	77-65-6	CARBROMAL	28	16
	77-79-2	3-SULFOLENE	33	16
	78-11-5	PENTAERYTHRITOL TETRANITRATE	32	16
	78-34-2	DIOXATHION	30	16
	78-42-2	TRIS(2-ETHYLHEXYL)PHOSPHATE	34	16
	78-44-4	CARISOPRODOL	24	14
	78-44-4	CARISOPRODOL	36	*
	78-44-4	CARISOPRODOL	36	*
	78-59-1	ISOPHORONE	31	16
	78-79-5	ISOPRENE	26	16
	78-79-5	ISOPRENE	26	16
	78-79-5	ISOPRENE	31	16
	78-84-2	ISOBUTYRALDEHYDE	31	16
	78-84-2	ISOBUTYRALDEHYDE	37	*
@	78-87-5	PESTICIDE/FERTILIZER CONTAMINATION--MIXT	26	16
		(PRIMARY CAS NUMBER IS PESTFERTMIX2)		
	78-87-5	1,2-DICHLOROPROPANE (PROPYLENE DICHLORID	29	16
	78-88-6	2,3-DICHLOROPROPYLENE	36	*
	78-94-4	METHYL VINYL KETONE	37	*
	79-00-5	1,1,2-TRICHLOROETHANE	34	16
@	79-01-6	CHEMICAL MIXTURE - DRINKING WATER CONTAM	25	16
		(PRIMARY CAS NUMBER IS CHEMMIXH2O)		
	79-01-6	TRICHLOROETHYLENE	34	16
	79-01-6	TRICHLOROETHYLENE	34	16
	79-01-6	TRICHLOROETHYLENE	34	16
	79-01-6	TRICHLOROETHYLENE	34	16
	79-01-6	TRICHLOROETHYLENE	38	*
	79-01-6	TRICHLOROETHYLENE	38	*
	79-11-8	MONOCHLOROACETIC ACID	31	16
	79-14-1	ALPHA-HYDROXY ACIDS (GLYCOLIC ACID)	19	2
	79-27-6	HALOGENATED ETHANES CS (1,1,2,2-TETRABRO	26	16
	79-34-5	1,1,2,2-TETRACHLOROETHANE	21	6
	79-34-5	1,1,2,2-TETRACHLOROETHANE	21	6
	79-34-5	1,1,2,2-TETRACHLOROETHANE	23	12
	79-34-5	HALOGENATED ETHANES CS (1,1,2,2-TETRACHL	26	16
	79-34-5	1,1,2,2-TETRACHLOROETHANE	33	16
	79-43-6	WATER DISINFECTION BYPRODUCTS (DICHLOROA	21	5
	79-43-6	WATER DISINFECTION MODEL (DICHLOROACETIC	21	5
	79-43-6	WATER DISINFECTION MODEL (DICHLOROACETIC	21	5
	79-43-6	WATER DISINFECTION MODEL (DICHLOROACETIC	21	5
	80-05-7	BISPHENOL A	27	16
	80-07-9	P,P'-DICHLORODIPHENYL SULFONE	24	14
	80-07-9	P,P'-DICHLORODIPHENYL SULFONE	36	*
	80-08-0	4,4'-SULFONYLDIANILINE (DAPSONE)	33	16
	80-15-9	CUMENE HYDROPEROXIDE	19	2
	80-62-6	METHYL METHACRYLATE	31	16
	81-49-2	1-AMINO-2,4-DIBROMOANTHRAQUINONE	27	16
	82-28-0	1-AMINO-2-METHYLANTHRAQUINONE	27	16
	82-68-8	PENTACHLORONITROBENZENE	32	16
	82-68-8	PENTACHLORONITROBENZENE	32	16
@	83-46-5	SAW PALMETTO AND BETA-SITOSTEROL MIXTURE	19	2
		(PRIMARY CAS NUMBER IS SAWPALMETMIX)		
	83-79-4	TRANSGENIC MODEL EVALUATION (ROTENONE)	24	12
	83-79-4	TRANSGENIC MODEL EVALUATION (ROTENONE)	24	12
	83-79-4	ROTENONE	33	16
	83-79-4	ROTENONE	35	17
	84-65-1	ANTHRAQUINONE	24	14
@	84-66-2	DIETHYL PHTHALATE/DIMETHYL PHTHALATE	29	16
		(PRIMARY CAS NUMBER IS DIETH/DIMETH)		
	84-66-2	DIETHYL PHTHALATE	29	16
	84-74-2	PEROXISOME PROJECT (DIBUTYL PHTHALATE)	23	12
	84-74-2	DIBUTYL PHTHALATE	25	16
	84-74-2	DIBUTYL PHTHALATE	25	16
	85-44-9	PHTHALIC ANHYDRIDE	32	16
@	85-68-7	FEED RESTRICTION STUDIES	30	16
		(PRIMARY CAS NUMBER IS FEEDRESTRICT)		
	85-68-7	BUTYL BENZYL PHTHALATE	28	16
	85-68-7	BUTYL BENZYL PHTHALATE	28	16
	85-68-7	BUTYL BENZYL PHTHALATE	36	*
	86-30-6	N-NITROSODIPHENYLAMINE	32	16
	86-50-0	AZINPHOSMETHYL	27	16
	86-57-7	1-NITRONAPHTHALENE	32	16
	87-29-6	CINNAMYL ANTHRANILATE	29	16
	87-62-7	2,6-XYLIDINE	34	16
	87-66-1	PYROGALLOL	19	2
	87-68-3	HEXACHLORO-1,3-BUTADIENE	26	16
	87-86-5	PENTACHLOROPHENOL, DOWICIDE EC-7	32	16
	87-86-5	PENTACHLOROPHENOL, PURIFIED	32	16
	87-86-5	PENTACHLOROPHENOL, TECHNICAL	32	16
	87-86-5	PENTACHLOROPHENOL, DP-2	37	*
	87-86-5	PENTACHLOROPHENOL, PURIFIED	37	*
	87-86-5	TRANSGENIC LECM (PENTACHLOROPHENOL)	38	*
	87-86-5	TRANSGENIC LECM (PENTACHLOROPHENOL)	38	*
	88-06-2	2,4,6-TRICHLOROPHENOL	34	16
	88-72-2	O-NITROTOLUENE	23	11
	88-72-2	O-NITROTOLUENE	26	16
	88-72-2	O-NITROTOLUENE	26	16
	88-73-3	2-CHLORONITROBENZENE	25	16

@ Denotes multiple CAS numbers for study--see following line for primary CAS number.

* See Appendix, Prechronic Studies for Which Toxicity Technical Reports were not Prepared

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	89-25-8	1-PHENYL-3-METHYL-5-PYRAZOLONE	32	16
	89-63-4	4-CHLORO-2-NITROANILINE	36	*
	89-82-7	PULEGONE	20	3
	90-43-7	O-PHENYLPHENOL	32	16
	90-94-8	MICHLER'S KETONE	31	16
	91-17-8	DECALIN	22	8
	91-20-3	NAPHTHALENE	24	14
	91-20-3	NAPHTHALENE	31	16
	91-23-6	O-NITROANISOLE	32	16
	91-23-6	O-NITROANISOLE	37	*
	91-53-2	ETHOXYQUIN	37	*
	91-64-5	COUMARIN	29	16
	91-64-5	COUMARIN	36	*
	91-84-9	PYRILAMINE	33	16
	91-93-0	3,3'-DIMETHOXYBENZIDINE-4,4'-DIISOCYANAT	30	16
	92-36-4	4-(6-METHYL-2-BENZOTHIAZOLYL)-BENZENAMIN	37	*
	92-48-8	METHYL COUMARIN	37	*
	93-15-2	METHYLEUGENOL	20	3
	93-15-2	METHYLEUGENOL	25	15
	93-15-2	METHYLEUGENOL	37	*
	93-83-4	OLEIC ACID DIETHANOLAMINE CONDENSATE	32	16
	93-83-4	TRANSGENIC LECM (OLEIC ACID DIETHANOLAMI	38	*
	93-83-4	TRANSGENIC LECM (OLEIC ACID DIETHANOLAMI	38	*
	94-20-2	CHLORPROPAMIDE	28	16
@	94-36-0	INIT/PROM COMPARATIVE MOUSE STUDY (DMBA/	31	16
		(PRIMARY CAS NUMBER IS INIT/PROM)		
@	94-36-0	INIT/PROM COMPARATIVE MOUSE STUDY (DMBA/	31	16
		(PRIMARY CAS NUMBER IS INIT/PROM)		
@	94-36-0	INIT/PROM COMPARATIVE MOUSE STUDY (DMBA/	31	16
		(PRIMARY CAS NUMBER IS INIT/PROM)		
	94-52-0	6-NITROBENZIMIDAZOLE	32	16
	94-75-7	PEROXISOME PROJECT (2,4-DICHLOROPHENOXYA	23	12
	95-06-7	SULFALLATE	33	16
	95-14-7	1,2,3-BENZOTRIAZOLE	27	16
	95-48-7	O-CRESOL	25	16
	95-50-1	1,2-DICHLOROBENZENE (O-DICHLOROBENZENE)	29	16
	95-51-2	O-CHLOROANILINE	25	16
	95-74-9	3-CHLORO-P-TOLUIDINE	28	16
	95-79-4	5-CHLORO-O-TOLUIDINE	28	16
	95-80-7	TRANSGENIC MODEL EVALUATION (2,4-DIAMINO	23	12
	95-80-7	TRANSGENIC MODEL EVALUATION (2,4-DIAMINO	23	12
	95-80-7	2,4-DIAMINOTOLUENE (2,4-TOLUENE DIAMINE)	29	16
	95-83-0	4-CHLORO-O-PHENYLENEDIAMINE	28	16
	95-94-3	1,2,4,5-TETRACHLOROBENZENE	26	16
	96-09-3	STYRENE OXIDE	35	17
@	96-12-8	PESTICIDE/FERTILIZER CONTAMINATION--MIXT	26	16
		(PRIMARY CAS NUMBER IS PESTFERTMIX2)		
	96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	29	16
	96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	29	16
	96-13-9	2,3-DIBROMO-1-PROPANOL	29	16
	96-18-4	FISH PROJECT 1 (1,2,3-TRICHLOROPROPANE)	22	8
	96-18-4	FISH PROJECT 1 (1,2,3-TRICHLOROPROPANE)	22	8
	96-18-4	1,2,3-TRICHLOROPROPANE	34	16
	96-18-4	1,2,3-TRICHLOROPROPANE	38	*
	96-29-7	METHYL ETHYL KETOXIME	26	16
	96-45-7	ETHYLENE THIOUREA (ETU)	30	16
	96-48-0	GAMMA-BUTYROLACTONE	28	16
	96-69-5	4,4-THIOBIS(6-TERT-BUTYL-M-CRESOL)	34	16
	96-69-5	4,4-THIOBIS(6-TERT-BUTYL-M-CRESOL)	38	*
	97-53-0	EUGENOL	30	16
	97-54-1	ISOEUGENOL	20	3
	97-77-8	TETRAETHYLTHIURAM DISULFIDE	33	16
	98-00-0	FURFURYL ALCOHOL	30	16
	98-00-0	FURFURYL ALCOHOL	37	*
	98-00-0	TRANSGENIC LECM (FURFURYL ALCOHOL)	38	*
	98-01-1	FURFURAL	30	16
	98-29-3	P-TERT-BUTYLCATECHOL	21	6
	98-29-3	P-TERT-BUTYLCATECHOL	23	12
	98-56-6	P-CHLORO-A,A,A-TRIFLUOROTOLUENE	25	16
	98-56-6	P-CHLORO-A,A,A-TRIFLUOROTOLUENE	25	16
	98-82-8	CUMENE	20	5
	98-83-9	ALPHA-METHYLSTYRENE	20	4
	98-83-9	ALPHA-METHYLSTYRENE	37	*
	98-85-1	ALPHA-METHYLBENZYL ALCOHOL	31	16
	98-95-3	NITROBENZENE	37	*
	98-96-4	PYRAZINAMIDE	33	16
@	98-96-4	AZT + PYRAZINAMIDE COMBINATION (AIDS INI	36	*
		(PRIMARY CAS NUMBER IS AZTZINAMIDE)		
	99-08-1	M-NITROTOLUENE	20	4
	99-08-1	M-NITROTOLUENE	26	16
	99-55-8	5-NITRO-O-TOLUIDINE	32	16
	99-56-9	4-NITRO-O-PHENYLENEDIAMINE	32	16
	99-57-0	2-AMINO-4-NITROPHENOL	27	16
	99-59-2	5-NITRO-O-ANISIDINE	32	16
	99-99-0	P-NITROTOLUENE	24	13
	99-99-0	P-NITROTOLUENE	26	16
	99-99-0	P-NITROTOLUENE	37	*
	100-00-5	4-CHLORONITROBENZENE	25	16
	100-01-6	P-NITROANILINE	32	16
	100-01-6	P-NITROANILINE	37	*
	100-02-7	P-NITROPHENOL	32	16
	100-40-3	4-VINYLCYCLOHEXENE	34	16
@	100-41-4	CHEMICAL MIXTURE - DRINKING WATER CONTAM	25	16
		(PRIMARY CAS NUMBER IS CHEMMIXH2O)		
	100-41-4	ETHYLBENZENE	26	16
	100-41-4	ETHYLBENZENE	30	16
	100-42-5	STYRENE	33	16
	100-42-5	STYRENE	38	*
	100-44-7	BENZYL CHLORIDE	35	17
	100-47-0	BENZONITRILE	36	*
	100-51-6	BENZYL ALCOHOL	27	16
	100-52-7	BENZALDEHYDE	27	16
	100-64-1	CYCLOHEXANONE OXIME	25	16
	101-05-3	ANILAZINE	27	16
	101-54-2	N-PHENYL-P-PHENYLENEDIAMINE	32	16
	101-61-1	4,4'-METHYLENEBIS(N,N-DIMETHYL)BENZENAMI	31	16
	101-80-4	4,4'-OXYDIANILINE	32	16
	101-90-6	DIGLYCIDYL RESORCINOL ETHER (DGRE)	29	16
	102-06-7	1,3-DIPHENYLGUANIDINE	26	16
	102-50-1	M-CRESIDINE	29	16
	102-54-5	FERROCENE	37	*
	102-71-6	TRIETHANOLAMINE	22	7
	102-71-6	TRIETHANOLAMINE	34	16
	102-71-6	TRIETHANOLAMINE	39	*
	102-71-6	TRIETHANOLAMINE	39	*
	102-71-6	TRIETHANOLAMINE	39	*
	102-96-5	BETA-NITROSTYRENE	32	16
	103-23-1	DI(2-ETHYLHEXYL)ADIPATE	29	16
	103-33-3	AZOBENZENE	27	16
	103-85-5	1-PHENYL-2-THIOUREA	32	16
	103-90-2	ACETAMINOPHEN (4-HYDROXYACETANILIDE)	26	16
	104-55-2	CINNAMALDEHYDE	36	*
	105-11-3	P-BENZOQUINONE DIOXIME	27	16
	105-55-5	N,N'-DIETHYLTHIOUREA	29	16
	105-60-2	CAPROLACTAM	28	16
	105-87-3	GERANYL ACETATE	30	16
	106-44-5	P-CRESOL	25	16
	106-46-7	1,4-DICHLOROBENZENE (P-DICHLOROBENZENE)	29	16
	106-47-8	P-CHLOROANILINE	28	16
	106-87-6	4-VINYL-1-CYCLOHEXENE DIEPOXIDE	34	16
	106-88-7	1,2-EPOXYBUTANE	30	16
	106-92-3	ALLYL GLYCIDYL ETHER	27	16
@	106-93-4	PESTICIDE/FERTILIZER CONTAMINATION--MIXT	26	16
		(PRIMARY CAS NUMBER IS PESTFERTMIX2)		
	106-93-4	1,2-DIBROMOETHANE	29	16
	106-93-4	1,2-DIBROMOETHANE	29	16
	106-94-5	1-BROMOPROPANE	19	2
	106-95-6	ALLYL BROMIDE	20	5
	106-95-6	ALLYL BROMIDE	20	5
	106-95-6	ALLYL BROMIDE	20	5
	106-99-0	1,3-BUTADIENE	28	16
	106-99-0	1,3-BUTADIENE	28	16
	106-99-0	1,3-BUTADIENE	36	*
	107-02-8	ACROLEIN	23	12
	107-05-1	ALLYL CHLORIDE	27	16
@	107-06-2	CHEMICAL MIXTURE - DRINKING WATER CONTAM	25	16
		(PRIMARY CAS NUMBER IS CHEMMIXH2O)		

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	107-06-2	1,2-DICHLOROETHANE	26	16
	107-06-2	1,2-DICHLOROETHANE	26	16
	107-06-2	1,2-DICHLOROETHANE	29	16
	107-07-3	2-CHLOROETHANOL (ETHYLENE CHLOROHYDRIN)	28	16
	107-13-1	ACRYLONITRILE	23	11
	107-18-6	ALLYL ALCOHOL	23	12
	107-19-7	PROPARGYL ALCOHOL	20	4
	107-21-1	ETHYLENE GLYCOL	30	16
	107-22-2	GLYOXAL	37	*
	108-10-1	METHYL ISOBUTYL KETONE	22	7
	108-30-5	SUCCINIC ANHYDRIDE	33	16
	108-39-4	M-CRESOL	25	16
	108-42-9	M-CHLOROANILINE	25	16
	108-46-3	TRANSGENIC MODEL EVALUATION (RESORCINOL)	24	12
	108-46-3	TRANSGENIC MODEL EVALUATION (RESORCINOL)	24	12
	108-46-3	RESORCINOL	33	16
	108-46-3	TRANSGENIC LEP (RESORCINOL)	38	*
	108-60-1	BIS(2-CHLORO-1-METHYLETHYL) ETHER	27	16
	108-60-1	BIS(2-CHLORO-1-METHYLETHYL) ETHER	27	16
	108-78-1	MELAMINE	31	16
	108-86-1	BROMOBENZENE	36	*
	108-86-1	BROMOBENZENE	36	*
@	108-88-3	CHEMICAL MIXTURE - DRINKING WATER CONTAM (PRIMARY CAS NUMBER IS CHEMMIXH2O)	25	16
	108-88-3	TOLUENE	34	16
	108-88-3	TOLUENE	38	*
@	108-90-7	CHEMICAL MIXTURE - DRINKING WATER CONTAM (PRIMARY CAS NUMBER IS CHEMMIXH2O)	25	16
	108-90-7	CHLOROBENZENE	28	16
	108-94-1	CYCLOHEXANONE	35	17
@	108-95-2	CHEMICAL MIXTURE - DRINKING WATER CONTAM (PRIMARY CAS NUMBER IS CHEMMIXH2O)	25	16
	108-95-2	PHENOL	32	16
	108-99-6	BETA-PICOLINE	19	2
	109-09-1	O-CHLOROPYRIDINE	20	4
	109-69-3	N-BUTYL CHLORIDE	28	16
	109-86-4	ETHYLENE GLYCOL MONOMETHYL ETHER (EGMME)	26	16
	109-86-4	ETHYLENE GLYCOL MONOMETHYL ETHER (EGMME)	26	16
	109-89-7	DIETHYLAMINE	19	2
	109-99-9	TETRAHYDROFURAN	33	16
	109-99-9	TETRAHYDROFURAN	38	*
	109-99-9	TETRAHYDROFURAN	38	*
	110-00-9	FURAN	30	16
	110-02-1	THIOPHENE	38	*
	110-54-3	N-HEXANE	26	16
	110-63-4	1,4-BUTANEDIOL	25	16
	110-65-6	2-BUTYNE-1,4-DIOL	19	2
	110-69-0	BUTANAL OXIME	23	12
	110-80-5	ETHYLENE GLYCOL MONOETHYL ETHER (EGMEE)	26	16
	110-80-5	ETHYLENE GLYCOL MONOETHYL ETHER (EGMEE)	26	16
	110-86-1	PYRIDINE	33	16
	110-86-1	PYRIDINE	33	16
	110-86-1	TRANSGENIC LECM (PYRIDINE)	38	*
	110-86-1	TRANSGENIC LECM (PYRIDINE)	38	*
	111-30-8	GLUTARALDEHYDE	26	16
	111-30-8	GLUTARALDEHYDE	30	16
	111-42-2	DIETHANOLAMINE	26	16
	111-42-2	DIETHANOLAMINE	26	16
	111-42-2	DIETHANOLAMINE	29	16
	111-42-2	TRANSGENIC LECM (DIETHANOLAMINE)	38	*
	111-76-2	2-BUTOXYETHANOL (ETHYLENE GLYCOL MONOBUT	25	16
	111-76-2	2-BUTOXYETHANOL (ETHYLENE GLYCOL MONOBUT	25	16
	111-76-2	2-BUTOXYETHANOL (ETHYLENE GLYCOL MONOBUT	28	16
	111-91-1	BIS(2-CHLOROETHOXY)METHANE	20	3
	113-92-8	CHLORPHENIRAMINE MALEATE	28	16
	115-07-1	PROPYLENE	33	16
	115-11-7	ISOBUTENE	31	16
	115-28-6	CHLORENDIC ACID	28	16
	115-29-7	ENDOSULFAN	30	16
	115-32-2	DICOFOL	29	16
	115-96-8	TRIS(2-CHLOROETHYL) PHOSPHATE	34	16
@	116-06-3	PESTICIDE/FERTILIZER CONTAMINATION--MIXT (PRIMARY CAS NUMBER IS PESTFERTMIX2)	26	16
	116-06-3	ALDICARB	27	16
	116-14-3	TETRAFLUOROETHYLENE	33	16
	116-14-3	TETRAFLUOROETHYLENE	38	*
	117-08-8	TETRACHLOROPHTHALIC ANHYDRIDE	26	16
	117-39-5	QUERCETIN	33	16
	117-79-3	2-AMINOANTHRAQUINONE	27	16
	117-81-7	TRANSGENIC MODEL EVALUATION (DI(2-ETHYLH	21	6
	117-81-7	TRANSGENIC MODEL EVALUATION (DI(2-ETHYLH	21	6
@	117-81-7	CHEMICAL MIXTURE - DRINKING WATER CONTAM (PRIMARY CAS NUMBER IS CHEMMIXH2O)	25	16
	117-81-7	DI(2-ETHYLHEXYL) PHTHALATE	29	16
	118-74-1	HEXACHLOROBENZENE	20	4
	118-92-3	O-ANTHRANILIC ACID	27	16
	119-34-6	4-AMINO-2-NITROPHENOL	27	16
	119-53-9	BENZOIN	27	16
	119-61-9	BENZOPHENONE	22	7
	119-61-9	BENZOPHENONE	24	14
	119-64-2	TETRALIN	23	12
	119-84-6	3,4-DIHYDROCOUMARIN	29	16
	119-84-6	3,4-DIHYDROCOUMARIN	37	*
	120-32-1	O-BENZYL-P-CHLOROPHENOL	27	16
	120-32-1	O-BENZYL-P-CHLOROPHENOL	27	16
	120-32-1	O-BENZYL-P-CHLOROPHENOL	36	*
	120-40-1	LAURIC ACID DIETHANOLAMINE CONDENSATE	31	16
	120-40-1	TRANSGENIC LECM (LAURIC ACID DIETHANOLAM	38	*
	120-40-1	TRANSGENIC LECM (LAURIC ACID DIETHANOLAM	38	*
	120-61-6	DIMETHYL TEREPHTHALATE	30	16
	120-62-7	PIPERONYL SULFOXIDE	33	16
	120-71-8	P-CRESIDINE	29	16
	120-71-8	P-CRESIDINE	36	*
	120-71-8	TRANSGENIC LEP (P-CRESIDINE)	38	*
	120-83-2	2,4-DICHLOROPHENOL	29	16
	121-14-2	2,4-DINITROTOLUENE	30	16
	121-19-7	ROXARSONE	33	16
	121-44-8	TRIETHYLAMINE	19	2
	121-54-0	BENZETHONIUM CHLORIDE	27	16
	121-54-0	BENZETHONIUM CHLORIDE	36	*
	121-66-4	2-AMINO-5-NITROTHIAZOLE	27	16
	121-69-7	N,N-DIMETHYLANILINE	30	16
	121-75-5	MALATHION	31	16
	121-75-5	MALATHION	31	16
	121-79-9	PROPYL GALLATE	33	16
	121-88-0	2-AMINO-5-NITROPHENOL	27	16
	121-92-6	M-NITROBENZOIC ACID	37	*
	122-34-9	SIMAZINE	22	7
@	122-34-9	PESTICIDE/FERTILIZER CONTAMINATION--MIXT (PRIMARY CAS NUMBER IS PESTFERTMIX2)	26	16
	122-66-7	HYDRAZOBENZENE	30	16
	123-31-9	HYDROQUINONE	30	16
	123-35-3	BETA-MYRCENE	20	3
	123-72-8	BUTYRALDEHYDE	36	*
	123-77-3	AZODICARBONAMIDE	36	*
	123-91-1	1,4-DIOXANE	30	16
	124-48-1	CHLORODIBROMOMETHANE	28	16
	124-64-1	TETRAKIS(HYDROXYMETHYL)PHOSPHONIUM CHLOR	33	16
	125-33-7	PRIMIDONE (PRIMACLONE)	24	14
	126-72-7	TRIS(2,3-DIBROMOPROPYL) PHOSPHATE	34	16
	126-98-7	METHACRYLONITRILE	24	13
	126-98-7	METHACRYLONITRILE	26	16
	126-99-8	CHLOROPRENE	28	16
	126-99-8	CHLOROPRENE	36	*
	126-99-8	CHLOROPRENE	36	*
	126-99-8	CHLOROPRENE	36	*
	127-00-4	1-CHLORO-2-PROPANOL, TECHNICAL	28	16
	127-00-4	1-CHLORO-2-PROPANOL, TECHNICAL	36	*
	127-00-4	1-CHLORO-2-PROPANOL, TECHNICAL	36	*
	127-00-4	TRANSGENIC LECM (1-CHLORO-2-PROPANOL, TE	38	*
	127-00-4	TRANSGENIC LECM (1-CHLORO-2-PROPANOL, TE	38	*
	127-07-1	HYDROXYUREA	35	17
@	127-18-4	CHEMICAL MIXTURE - DRINKING WATER CONTAM (PRIMARY CAS NUMBER IS CHEMMIXH2O)	25	16
	127-18-4	TETRACHLOROETHYLENE	33	16
	127-18-4	TETRACHLOROETHYLENE	33	16

@ Denotes multiple CAS numbers for study--see following line for primary CAS number.

* See Appendix, Prechronic Studies for Which Toxicity Technical Reports were not Prepared

Index of Chemicals by CAS Number with Reference Location:

	CAS NUMBER	CHEMICAL NAME	PAGE	REF
@	127-47-9	RETINOID PROJECT 1	38	*
		(PRIMARY CAS NUMBER IS RETINOID1)		
	127-47-9	RETINOID PROJECT 3 (RETINOL ACETATE)	38	*
	127-69-5	SULFISOXAZOLE	33	16
	128-37-0	BUTYLATED HYDROXYTOLUENE	28	16
	128-66-5	C.I. VAT YELLOW 4	29	16
	129-15-7	2-METHYL-1-NITROANTHRAQUINONE	31	16
	129-15-7	2-METHYL-1-NITROANTHRAQUINONE	35	17
	129-73-7	LEUCOMALACHITE GREEN	22	7
	129-79-3	2,4,7-TRINITRO-FLUOREN-9-ONE	26	16
	129-79-3	2,4,7-TRINITRO-FLUOREN-9-ONE	26	16
	130-17-6	2-(4-AMINOPHENYL)-6-METHYL-7-BENZOTHIAZO	36	*
@	131-11-3	DIETHYL PHTHALATE/DIMETHYL PHTHALATE	29	16
		(PRIMARY CAS NUMBER IS DIETH/DIMETH)		
	131-17-9	DIALLYL PHTHALATE	29	16
	131-17-9	DIALLYL PHTHALATE	29	16
	131-57-7	2-HYDROXY-4-METHOXYBENZOPHENONE	20	4
	131-57-7	2-HYDROXY-4-METHOXYBENZOPHENONE	26	16
	131-57-7	2-HYDROXY-4-METHOXYBENZOPHENONE	26	16
	131-57-7	2-HYDROXY-4-METHOXYBENZOPHENONE	26	16
	132-98-9	PENICILLIN VK	32	16
	133-06-2	CAPTAN	28	16
	133-90-4	CHLORAMBEN	28	16
	134-29-2	O-ANISIDINE HYDROCHLORIDE	27	16
	134-50-9	9-AMINOACRIDINE HYDROCHLORIDE	36	*
	134-50-9	9-AMINOACRIDINE HYDROCHLORIDE	36	*
	134-72-5	EPHEDRINE SULFATE	30	16
	135-20-6	CUPFERRON	29	16
	135-23-9	METHAPYRILENE HYDROCHLORIDE	24	14
	135-23-9	METHAPYRILENE HYDROCHLORIDE	35	17
	135-23-9	METHAPYRILENE HYDROCHLORIDE	37	*
	135-88-6	N-PHENYL-2-NAPHTHYLAMINE	32	16
	136-35-6	DIAZOAMINOBENZENE	21	6
	136-40-3	PHENAZOPYRIDINE HYDROCHLORIDE	32	16
	136-77-6	4-HEXYLRESORCINOL	30	16
	137-09-7	2,4-DIAMINOPHENOL DIHYDROCHLORIDE	29	16
	137-17-7	2,4,5-TRIMETHYLANILINE	34	16
	137-30-4	ZIRAM	34	16
	139-13-9	NITRILOTRIACETIC ACID (NTA)	32	16
	139-65-1	4,4'-THIODIANILINE	34	16
	139-94-6	NITHIAZIDE	32	16
	140-11-4	BENZYL ACETATE	27	16
	140-11-4	BENZYL ACETATE	27	16
@	140-11-4	GLYCINE + BENZYL ACETATE COMBINATION STU	37	*
		(PRIMARY CAS NUMBER IS GLYCINEBENZA)		
	140-49-8	4-(CHLOROACETYL)ACETANILIDE	28	16
	140-56-7	FORMULATED FENAMINOSULF	30	16
	140-67-0	ESTRAGOLE	19	2
	140-88-5	ETHYL ACRYLATE	30	16
	142-04-1	ANILINE HYDROCHLORIDE	27	16
	142-46-1	2,5-DITHIOBIUREA	30	16
	142-83-6	2,4-HEXADIENAL	23	10
	142-83-6	2,4-HEXADIENAL	37	*
	143-33-9	SODIUM CYANIDE	26	16
	143-50-0	CHLORDECONE (KEPONE)	28	16
	147-24-0	DIPHENHYDRAMINE HYDROCHLORIDE	30	16
	147-47-7	1,2-DIHYDRO-2,2,4-TRIMETHYLQUINOLINE (MO	29	16
	147-47-7	1,2-DIHYDRO-2,2,4-TRIMETHYLQUINOLINE (MO	29	16
	147-47-7	1,2-DIHYDRO-2,2,4-TRIMETHYLQUINOLINE (MO	37	*
	147-47-7	1,2-DIHYDRO-2,2,4-TRIMETHYLQUINOLINE (MO	37	*
	147-94-4	CYTARABINE	35	17
	148-18-5	SODIUM DIETHYLDITHIOCARBAMATE	33	16
	148-24-3	TRANSGENIC MODEL EVALUATION (8-HYDROXYQU	24	12
	148-24-3	TRANSGENIC MODEL EVALUATION (8-HYDROXYQU	24	12
	148-24-3	8-HYDROXYQUINOLINE	31	16
	148-82-3	TRANSGENIC MODEL EVALUATION (MELPHALAN)	21	5
	148-82-3	TRANSGENIC MODEL EVALUATION (MELPHALAN)	21	6
	148-82-3	TRANSGENIC MODEL EVALUATION (MELPHALAN)	21	6
	148-82-3	TRANSGENIC MODEL EVALUATION (MELPHALAN)	24	12
	148-82-3	TRANSGENIC MODEL EVALUATION (MELPHALAN)	24	12
	148-82-3	MELPHALAN	35	17
	148-82-3	TRANSGENIC LEP (MELPHALAN)	38	*
	149-30-4	2-MERCAPTOBENZOTHIAZOLE	31	16
	150-38-9	TRISODIUM ETHYLENEDIAMINETETRAACETATE TR	34	16
	150-68-5	MONURON	31	16
	154-69-8	TRIPELENNAMINE HYDROCHLORIDE	39	*
	154-93-8	1,3-BIS(CHLOROETHYL)-1-NITROSOUREA	35	17
	156-10-5	P-NITROSODIPHENYLAMINE	32	16
	156-59-2	CIS-1,2-DICHLOROETHYLENE	36	*
	156-60-5	TRANS-1,2-DICHLOROETHYLENE	23	12
@	156-60-5	CHEMICAL MIXTURE - DRINKING WATER CONTAM	25	16
		(PRIMARY CAS NUMBER IS CHEMMIXH2O)		
	156-60-5	TRANS-1,2-DICHLOROETHYLENE	36	*
	156-60-5	TRANS-1,2-DICHLOROETHYLENE	36	*
	156-62-7	CALCIUM CYANAMIDE	28	16
	262-12-4	DIBENZO-P-DIOXIN	29	16
	271-89-6	BENZOFURAN	27	16
	286-20-4	CYCLOHEXENE OXIDE	36	*
	286-20-4	CYCLOHEXENE OXIDE	36	*
	286-20-4	CYCLOHEXENE OXIDE	36	*
	298-00-0	METHYL PARATHION	31	16
	298-59-9	TRANSGENIC MODEL EVALUATION (METHYLPHENI	21	6
	298-59-9	METHYLPHENIDATE HYDROCHLORIDE	31	16
	298-59-9	METHYLPHENIDATE HYDROCHLORIDE	37	*
	298-81-7	8-METHOXYPSORALEN	31	16
@	301-04-2	CHEMICAL MIXTURE - DRINKING WATER CONTAM	25	16
		(PRIMARY CAS NUMBER IS CHEMMIXH2O)		
@	301-04-2	LEAD CONTAMINATED SOIL	37	*
		(PRIMARY CAS NUMBER IS PBCONTAMSOIL)		
	301-04-2	LEAD(2+) ACETATE	37	*
	302-17-0	CHLORAL HYDRATE	24	14
	302-17-0	CHLORAL HYDRATE	24	14
	302-17-0	CHLORAL HYDRATE	25	16
	303-34-4	LASIOCARPINE	31	16
	303-47-9	OCHRATOXIN A	32	16
	305-03-3	CHLORAMBUCIL	35	17
	309-00-2	ALDRIN	27	16
	315-18-4	MEXACARBATE	31	16
	316-42-7	EMETINE HYDROCHLORIDE	30	16
	320-67-2	5-AZACYTIDINE	27	16
	333-41-5	DIAZINON	29	16
	342-69-8	6-METHYLMERCAPTOPURINE RIBONUCLEOSIDE	35	17
	354-58-5	HALOGENATED ETHANES CS (1,1,1-TRICHLORO-	26	16
	366-70-1	PROCARBAZINE HYDROCHLORIDE	33	16
	366-70-1	PROCARBAZINE HYDROCHLORIDE	35	17
	367-51-1	SODIUM THIOGLYCOLATE	20	4
	389-08-2	NALIDIXIC ACID	31	16
	396-01-0	TRIAMTERENE	34	16
	396-01-0	TRIAMTERENE	38	*
	431-03-8	2,3-BUTANEDIONE	19	2
	434-07-1	OXYMETHOLONE	32	16
	434-07-1	OXYMETHOLONE	37	*
	434-13-9	LITHOCHOLIC ACID	31	16
	446-86-6	AZATHIOPRINE	35	17
@	458-37-7	PREVENTION 4 (MELATONIN + CURCUMIN)	21	5
		(PRIMARY CAS NUMBER IS MEL+CURCUMIN)		
	458-37-7	PREVENTION 4 (CURCUMIN)	21	5
	463-58-1	CARBONYL SULFIDE	19	3
	469-21-6	DOXYLAMINE	30	16
	470-82-6	1,8-CINEOL	36	*
	470-82-6	1,8-CINEOL	36	*
@	471-15-8	ALPHA/BETA THUJONE MIXTURE	19	2
		(PRIMARY CAS NUMBER IS THUJONEMIXAB)		
	481-39-0	JUGLONE	19	2
	486-12-4	TRIPROLIDINE	34	16
	488-41-5	DIBROMOMANNITOL	35	17
	504-88-1	3-NITROPROPIONIC ACID	32	16
	506-77-4	CYANOGEN CHLORIDE	19	2
	509-14-8	TETRANITROMETHANE	33	16
	510-15-6	CHLOROBENZILATE	28	16
	512-56-1	TRIMETHYLPHOSPHATE	34	16
	513-37-1	DIMETHYLVINYL CHLORIDE (DMVC)	30	16
@	514-78-3	RETINOID PROJECT 1	38	*
		(PRIMARY CAS NUMBER IS RETINOID1)		
	518-82-1	EMODIN	24	14
	521-31-3	LUMINOL	19	2
	528-74-5	DICHLOROMETHOTREXATE	35	17
	531-76-0	MERPHALAN	35	17

@ Denotes multiple CAS numbers for study--see following line for primary CAS number.

* See Appendix, Prechronic Studies for Which Toxicity Technical Reports were not Prepared

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	531-85-1	BENZIDINE DIHYDROCHLORIDE	36	*
	532-27-4	2-CHLOROACETOPHENONE (CN)	28	16
	536-33-4	ETHIONAMIDE	30	16
	538-23-8	TRICAPRYLIN	34	16
	538-75-0	DICYCLOHEXYLCARBODIIMIDE	21	6
	538-75-0	DICYCLOHEXYLCARBODIIMIDE	23	12
	538-75-0	DICYCLOHEXYLCARBODIIMIDE	23	12
	540-59-0	CIS & TRANS 1,2-DICHLOROETHYLENE	36	*
	542-56-3	ISOBUTYL NITRITE	31	16
	542-75-6	1,3-DICHLOROPROPENE (TELONE II)	29	16
@	546-80-5	ALPHA/BETA THUJONE MIXTURE	19	2
		(PRIMARY CAS NUMBER IS THUJONEMIXAB)		
	546-80-5	ALPHA-THUJONE	20	3
	548-62-9	HEXAMETHYL-P-ROSANILINE CHLORIDE	30	16
	548-62-9	HEXAMETHYL-P-ROSANILINE CHLORIDE	30	16
	552-30-7	TRIMELLITIC ANHYDRIDE	39	*
	552-30-7	TRIMELLITIC ANHYDRIDE	39	*
	556-52-5	TRANSGENIC MODEL EVALUATION II (GLYCIDOL	21	5
	556-52-5	GLYCIDOL	30	16
	563-47-3	3-CHLORO-2-METHYLPROPENE	28	16
	569-61-9	C.I. BASIC RED 9 MONOHYDROCHLORIDE	28	16
	569-64-2	MALACHITE GREEN	22	7
	583-39-1	2-MERCAPTOBENZIMIDAZOLE	37	*
	583-39-1	2-MERCAPTOBENZIMIDAZOLE	37	*
	591-87-7	ALLYL ACETATE	23	12
	597-25-1	DIMETHYL MORPHOLINOPHOSPHORAMIDATE	30	16
	598-55-0	METHYL CARBAMATE	31	16
@	599-79-1	FEED RESTRICTION STUDIES	30	16
		(PRIMARY CAS NUMBER IS FEEDRESTRICT)		
	599-79-1	SALICYLAZOSULFAPYRIDINE	33	16
	599-79-1	SALICYLAZOSULFAPYRIDINE	38	*
	602-87-9	5-NITROACENAPHTHENE	32	16
	604-75-1	OXAZEPAM	32	16
	604-75-1	OXAZEPAM	32	16
	607-91-0	MYRISTICIN	19	2
	608-93-5	PENTACHLOROBENZENE	26	16
	609-20-1	2,6-DICHLORO-P-PHENYLENEDIAMINE	29	16
	612-82-8	3,3'-DIMETHYLBENZIDINE DIHYDROCHLORIDE	30	16
	614-45-9	TERT-BUTYL PERBENZOATE	25	16
	619-17-0	4-NITROANTHRANILIC ACID	32	16
	624-18-0	P-PHENYLENEDIAMINE DIHYDROCHLORIDE	32	16
	627-93-0	DIMETHYL ADIPATE	19	2
	630-16-0	HALOGENATED ETHANES CS (1,1,1,2-TETRABRO	26	16
	630-20-6	HALOGENATED ETHANES CS (1,1,1,2-TETRACHL	26	16
	630-20-6	1,1,1,2-TETRACHLOROETHANE	33	16
	631-64-1	WATER DISINFECTION BYPRODUCTS (DIBROMOAC	22	7
	636-21-5	O-TOLUIDINE HYDROCHLORIDE	26	16
	636-21-5	O-TOLUIDINE HYDROCHLORIDE	34	16
	643-22-1	ERYTHROMYCIN STEARATE	30	16
	693-13-0	DIISOPROPYLCARBODIIMIDE	21	6
	693-13-0	DIISOPROPYLCARBODIIMIDE	22	7
	693-13-0	DIISOPROPYLCARBODIIMIDE	23	12
	693-13-0	DIISOPROPYLCARBODIIMIDE	23	12
	693-98-1	2-METHYLIMIDAZOLE	22	8
	693-98-1	2-METHYLIMIDAZOLE	23	12
	700-06-1	INDOLE-3-CARBINOL	19	2
@	700-06-1	PREVENTION 4 (MELATONIN+INDOLE-3-CARBINO	21	5
		(PRIMARY CAS NUMBER IS MEL+INDOLCAR)		
	700-06-1	PREVENTION 4 (INDOLE-3-CARBINOL)	21	5
@	723-46-6	AZT + TMP/SMX (MIXTURE) COMBINATION	21	6
		(PRIMARY CAS NUMBER IS AZTTMPSMX)		
@	723-46-6	AZT + TMP/SMX (MIXTURE) COMBINATION	36	*
		(PRIMARY CAS NUMBER IS AZTTMPSMX)		
@	738-70-5	AZT + TMP/SMX (MIXTURE) COMBINATION	21	6
		(PRIMARY CAS NUMBER IS AZTTMPSMX)		
@	738-70-5	AZT + TMP/SMX (MIXTURE) COMBINATION	36	*
		(PRIMARY CAS NUMBER IS AZTTMPSMX)		
	756-79-6	DIMETHYL METHYLPHOSPHONATE	30	16
	789-61-7	BETA-THIOGUANIDINE DEOXYRIBOSIDE	34	16
	822-36-6	4-METHYLIMIDAZOLE	22	7
	822-36-6	4-METHYLIMIDAZOLE	23	12
	828-00-2	DIMETHOXANE	29	16
	834-28-6	PHENFORMIN HYDROCHLORIDE	32	16
	842-07-9	C.I. SOLVENT YELLOW 14	29	16
	865-21-4	VINBLASTINE	35	17
	868-85-9	DIMETHYL HYDROGEN PHOSPHITE	30	16
	924-42-5	TRANSGENIC MODEL EVALUATION (N-METHYLOLA	24	12
	924-42-5	TRANSGENIC MODEL EVALUATION (N-METHYLOLA	24	12
	924-42-5	N-METHYLOLACRYLAMIDE	31	16
	926-57-8	1,3-DICHLORO-2-BUTENE	19	2
	930-68-7	2-CYCLOHEXEN-1-ONE	36	*
	952-23-8	PROFLAVIN HYDROCHLORIDE	33	16
	961-11-5	TETRACHLORVINPHOS	33	16
	968-81-0	ACETOHEXAMIDE	27	16
	982-57-0	CHLORAMPHENICOL SODIUM SUCCINATE	36	*
	989-38-8	RHODAMINE 6G	33	16
	999-81-5	2-CHLOROETHYLTRIMETHYLAMMONIUM CHLORIDE	28	16
	1067-33-0	DIBUTYLTIN DIACETATE	29	16
	1071-83-6	GLYPHOSATE	26	16
	1071-83-6	GLYPHOSATE	26	16
@	1095-90-5	AZT + METHADONE HCL (AIDS)	23	12
		(PRIMARY CAS NUMBER IS AZTMETHCOMB)		
	1116-54-7	N-NITROSODIETHANOLAMINE	35	17
	1122-62-9	2-ACETYLPYRIDINE	19	2
	1156-19-0	TOLAZAMIDE	34	16
	1163-19-5	DECABROMODIPHENYL OXIDE	29	16
	1212-29-9	N,N'-DICYCLOHEXYLTHIOUREA	29	16
	1239-45-8	ETHIDIUM BROMIDE	19	2
	1271-19-8	TITANOCENE DICHLORIDE	34	16
	1300-72-7	SODIUM XYLENESULFONATE	33	16
	1300-72-7	SODIUM XYLENESULFONATE	38	*
	1302-78-9	BENTONITE	19	2
	1303-00-0	GALLIUM ARSENIDE	25	15
	1303-00-0	GALLIUM ARSENIDE	37	*
	1306-19-0	CADMIUM OXIDE	25	16
	1306-19-0	CADMIUM OXIDE	25	16
	1313-27-5	MOLYBDENUM TRIOXIDE	31	16
	1313-27-5	MOLYBDENUM TRIOXIDE	37	*
	1313-99-1	NICKEL (II) OXIDE	31	16
	1314-62-1	VANADIUM PENTOXIDE	23	11
	1314-62-1	VANADIUM PENTOXIDE	39	*
@	1314-87-0	LEAD CONTAMINATED SOIL	37	*
		(PRIMARY CAS NUMBER IS PBCONTAMSOIL)		
	1314-87-0	LEAD SULFIDE	37	*
	1314-87-0	LEAD SULFIDE	37	*
	1317-36-8	LEAD OXIDE	37	*
	1319-77-3	CRESOL (MIXED ISOMERS)	25	16
	1321-74-0	DIVINYLBENZENE	22	7
	1321-74-0	DIVINYLBENZENE	37	*
	1327-53-3	ARSENIC TRIOXIDE	19	2
@	1327-53-3	CHEMICAL MIXTURE - DRINKING WATER CONTAM	25	16
		(PRIMARY CAS NUMBER IS CHEMMIXH2O)		
@	1330-20-7	CHEMICAL MIXTURE - DRINKING WATER CONTAM	25	16
		(PRIMARY CAS NUMBER IS CHEMMIXH2O)		
	1330-20-7	XYLENES (MIXED)	34	16
	1330-78-5	TRICRESYL PHOSPHATE	34	16
	1330-78-5	TRICRESYL PHOSPHATE	38	*
@	1333-82-0	CHEMICAL MIXTURE - DRINKING WATER CONTAM	25	16
		(PRIMARY CAS NUMBER IS CHEMMIXH2O)		
	1338-23-4	METHYL ETHYL KETONE PEROXIDE	26	16
	1393-63-1	ANNATTO	19	2
	1420-04-8	CLONITRALID	29	16
	1455-77-2	GUANAZOLE	35	17
	1465-25-4	N-(1-NAPHTHYL)ETHYLENEDIAMINE DIHYDROCHL	31	16
	1582-09-8	TRIFLURALIN	34	16
	1596-84-5	DAMINOZIDE	29	16
	1629-58-9	ETHYL VINYL KETONE	37	*
	1634-78-2	MALAOXON	31	16
@	1646-87-3	PESTICIDE/FERTILIZER CONTAMINATION--MIXT	26	16
		(PRIMARY CAS NUMBER IS PESTFERTMIX2)		
@	1646-88-4	PESTICIDE/FERTILIZER CONTAMINATION--MIXT	26	16
		(PRIMARY CAS NUMBER IS PESTFERTMIX2)		
	1649-08-7	HALOGENATED ETHANES CS (1,2-DICHLORO-1,1	26	16
	1746-01-6	TRANSGENIC MODEL EVALUATION (2,3,7,8-TET	21	6
	1746-01-6	TRANSGENIC MODEL EVALUATION (2,3,7,8-TET	21	6
@	1746-01-6	TOXIC EQUIVALENCY FACTOR EVALUATION (DIO	22	8
		(PRIMARY CAS NUMBER IS TEFDIOXINMIX)		
	1746-01-6	TOXIC EQUIVALENCY FACTOR EVALUATION (TCD	22	8

@ Denotes multiple CAS numbers for study--see following line for primary CAS number.

* See Appendix, Prechronic Studies for Which Toxicity Technical Reports were not Prepared

Index of Chemicals by CAS Number with Reference Location:

	CAS NUMBER	CHEMICAL NAME	PAGE	REF
	1746-01-6	TRANSGENIC MODEL EVALUATION (2,3,7,8-TET	24	12
	1746-01-6	TRANSGENIC MODEL EVALUATION (2,3,7,8-TET	24	12
	1746-01-6	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	33	16
	1746-01-6	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	33	16
	1747-60-0	6-METHOXY-2-BENZOTHIAZOLAMINE	37	*
	1777-84-0	3-NITRO-P-ACETOPHENETIDE	32	16
	1825-21-4	PENTACHLOROANISOLE	32	16
	1836-75-5	NITROFEN	32	16
	1836-75-5	NITROFEN	32	16
	1896-62-4	METHYL TRANS-STYRYL KETONE	20	3
	1896-62-4	METHYL TRANS-STYRYL KETONE	20	3
	1897-45-6	CHLOROTHALONIL	28	16
@	1912-24-9	PESTICIDE/FERTILIZER CONTAMINATION--MIXT	26	16
		(PRIMARY CAS NUMBER IS PESTFERTMIX2)		
@	1912-24-9	PESTICIDE/FERTILIZER CONTAMINATION--MIXT	26	16
		(PRIMARY CAS NUMBER IS PESTFERTMIX3)		
	1918-02-1	PICLORAM	33	16
	1936-15-8	C.I. ACID ORANGE 10	28	16
	1937-37-7	C.I. DIRECT BLACK 38	25	16
@	1948-33-0	FEED RESTRICTION STUDIES	30	16
		(PRIMARY CAS NUMBER IS FEEDRESTRICT)		
	1948-33-0	T-BUTYLHYDROQUINONE	28	16
	1955-45-9	PIVALOLACTONE	33	16
	1972-08-3	1-TRANS-DELTA-9-TETRAHYDROCANNABINOL	33	16
	1972-08-3	1-TRANS-DELTA-9-TETRAHYDROCANNABINOL	38	*
	1982-37-2	METHDILAZINE	37	*
	2058-46-0	OXYTETRACYCLINE HYDROCHLORIDE	32	16
	2164-17-2	FLUOMETURON	30	16
	2185-92-4	2-BIPHENYLAMINE HYDROCHLORIDE	27	16
	2243-62-1	1,5-NAPHTHALENEDIAMINE	31	16
	2244-16-8	D-CARVONE	28	16
	2385-85-5	MIREX	31	16
	2425-85-6	C.I. PIGMENT RED 3	28	16
	2429-74-5	C.I. DIRECT BLUE 15	28	16
	2432-99-7	11-AMINOUNDECANOIC ACID	27	16
	2438-88-2	2,3,5,6-TETRACHLORO-4-NITROANISOLE	33	16
	2475-45-8	C.I. DISPERSE BLUE 1	28	16
	2489-77-2	TRIMETHYLTHIOUREA	34	16
	2602-46-2	C.I. DIRECT BLUE 6	25	16
	2602-46-2	C.I. DIRECT BLUE 6	36	*
	2608-48-2	5-(4-NITROPHENYL)-2,4-PENTADIEN-1-AL (NP	37	*
	2608-48-2	5-(4-NITROPHENYL)-2,4-PENTADIEN-1-AL (NP	37	*
	2698-41-1	O-CHLOROBENZALMALONONITRILE (CS)	28	16
	2757-90-6	AGARITINE	35	17
	2783-94-0	FD & C YELLOW NO. 6	30	16
	2784-94-3	HC BLUE 1	30	16
	2832-40-8	C.I. DISPERSE YELLOW 3	28	16
	2835-39-4	ALLYL ISOVALERATE	27	16
	2871-01-4	HC RED 3	30	16
	3165-93-3	4-CHLORO-O-TOLUIDINE HYDROCHLORIDE	28	16
	3252-43-5	WATER DISINFECTION BYPRODUCTS (DIBROMOAC	20	4
	3296-90-0	FISH PROJECT 1 (2,2-BIS(BROMOMETHYL)-1,3	22	8
	3296-90-0	FISH PROJECT 1 (2,2-BIS(BROMOMETHYL)-1,3	22	8
	3296-90-0	2,2-BIS(BROMOMETHYL)-1,3-PROPANEDIOL	27	16
	3296-90-0	2,2-BIS(BROMOMETHYL)-1,3-PROPANEDIOL	36	*
	3296-90-0	2,2-BIS(BROMOMETHYL)-1,3-PROPANEDIOL	36	*
	3458-22-8	IPD (3,3'-IMINOBIS-1-PROPANOL DIMETHANES	31	16
	3524-68-3	PENTAERYTHRITOL TRIACRYLATE	21	6
	3524-68-3	PENTAERYTHRITOL TRIACRYLATE	23	12
	3546-10-9	PHENESTERIN	32	16
	3567-69-9	C.I. ACID RED 14	28	16
	3778-73-2	ISOPHOSPHAMIDE	31	16
	4170-30-3	CROTONALDEHYDE	36	*
	4342-03-4	DACARBAZINE	35	17
	4465-94-5	CYTOXAL ALCOHOL	35	17
	5131-60-2	4-CHLORO-M-PHENYLENEDIAMINE	28	16
	5160-02-1	D & C RED NO. 9	29	16
	5307-14-2	2-NITRO-P-PHENYLENEDIAMINE	32	16
	5392-40-5	CITRAL	24	13
	5392-40-5	CITRAL	36	*
	5392-40-5	CITRAL	36	*
	5407-04-5	DIMETHYLAMINOPROPYL CHLORIDE, HYDROCHLOR	20	4
	5407-04-5	DIMETHYLAMINOPROPYL CHLORIDE, HYDROCHLOR	20	5
	5407-04-5	DIMETHYLAMINOPROPYL CHLORIDE, HYDROCHLOR	21	6
	5522-43-0	1-NITROPYRENE	26	16
	5589-96-8	WATER DISINFECTION BYPRODUCTS (BROMOCHLO	21	5
	5634-39-9	IODINATED GLYCEROL	31	16
@	5743-04-4	CHEMICAL MIXTURE - DRINKING WATER CONTAM	25	16
		(PRIMARY CAS NUMBER IS CHEMMIXH2O)		
	5989-27-5	D-LIMONENE	31	16
@	6018-89-9	CHEMICAL MIXTURE - DRINKING WATER CONTAM	25	16
		(PRIMARY CAS NUMBER IS CHEMMIXH2O)		
	6051-87-2	5,6-BENZOFLAVONE	19	2
	6055-19-2	TRANSGENIC MODEL EVALUATION (CYCLOPHOSPH	21	6
	6055-19-2	TRANSGENIC MODEL EVALUATION (CYCLOPHOSPH	21	6
	6055-52-3	1,6-HEXANEDIAMINE DIHYDROCHLORIDE	26	16
	6055-52-3	1,6-HEXANEDIAMINE DIHYDROCHLORIDE	26	16
	6109-97-3	3-AMINO-9-ETHYLCARBAZOLE HCL	27	16
	6317-18-6	METHYLENE BIS(THIOCYANATE)	26	16
	6358-85-6	DIARYLANILIDE YELLOW	29	16
	6369-59-1	2,5-TOLUENEDIAMINE SULFATE	34	16
	6373-74-6	C.I. ACID ORANGE 3	28	16
	6459-94-5	C.I. ACID RED 114	28	16
	6471-49-4	C.I. PIGMENT RED 23	29	16
@	6484-52-2	PESTICIDE/FERTILIZER CONTAMINATION--MIXT	26	16
		(PRIMARY CAS NUMBER IS PESTFERTMIX2)		
@	6484-52-2	PESTICIDE/FERTILIZER CONTAMINATION--MIXT	26	16
		(PRIMARY CAS NUMBER IS PESTFERTMIX3)		
@	6533-68-2	FEED RESTRICTION STUDIES	30	16
		(PRIMARY CAS NUMBER IS FEEDRESTRICT)		
	6533-68-2	SCOPOLAMINE HYDROBROMIDE TRIHYDRATE	33	16
	6533-68-2	SCOPOLAMINE HYDROBROMIDE TRIHYDRATE	38	*
	6533-68-2	SCOPOLAMINE HYDROBROMIDE TRIHYDRATE	38	*
	6959-47-3	2-CHLOROMETHYLPYRIDINE HYDROCHLORIDE	28	16
	6959-48-4	3-CHLOROMETHYLPYRIDINE HYDROCHLORIDE	28	16
	7008-42-6	ACRONYCINE	27	16
	7166-19-0	BETA-BROMO-BETA-NITROSTYRENE	25	16
	7177-48-2	AMPICILLIN TRIHYDRATE	27	16
	7220-79-3	METHYLENE BLUE TRIHYDRATE	22	7
	7220-79-3	METHYLENE BLUE TRIHYDRATE	37	*
	7220-79-3	METHYLENE BLUE TRIHYDRATE	37	*
	7336-20-1	4,4'-DIAMINO-2,2'-STILBENEDISULFONIC ACI	29	16
@	7439-92-1	LEAD CONTAMINATED SOIL	37	*
		(PRIMARY CAS NUMBER IS PBCONTAMSOIL)		
	7446-34-6	SELENIUM SULFIDE	33	16
	7446-34-6	SELENIUM SULFIDE	33	16
	7481-89-2	2',3'-DIDEOXYCYTIDINE	23	12
	7481-89-2	2',3'-DIDEOXYCYTIDINE	23	12
@	7481-89-2	3'-AZIDO-3'-DEOXYTHYMIDINE/2',3'-DIDEOXY	36	*
		(PRIMARY CAS NUMBER IS AZTDDCCOMB)		
@	7481-89-2	INTERFERON AD + DDC (AIDS INITIATIVE)	37	*
		(PRIMARY CAS NUMBER IS INTDDCCOMB)		
	7481-89-2	2',3'-DIDEOXYCYTIDINE	36	*
@	7487-94-7	CHEMICAL MIXTURE - DRINKING WATER CONTAM	25	16
		(PRIMARY CAS NUMBER IS CHEMMIXH2O)		
	7487-94-7	MERCURIC CHLORIDE	31	16
	7632-00-0	SODIUM NITRITE	24	14
	7632-00-0	SODIUM NITRITE	38	*
	7681-49-4	SODIUM FLUORIDE	33	16
@	7681-52-9	CHLORAMINATED WATER	28	16
		(PRIMARY CAS NUMBER IS CHLORAMINEMX)		
@	7681-52-9	CHLORINATED WATER	28	16
		(PRIMARY CAS NUMBER IS CHLORWATERMX)		
	7758-99-8	CUPRIC SULFATE	25	16
	7758-99-8	CUPRIC SULFATE	25	16
	7772-99-8	STANNOUS CHLORIDE	33	16
	7775-09-9	WATER DISINFECTION BYPRODUCTS (SODIUM CH	22	7
@	7782-50-5	CHLORINATED WATER	28	16
		(PRIMARY CAS NUMBER IS CHLORWATERMX)		
	7784-42-1	ARSINE	36	*
@	7786-81-4	CHEMICAL MIXTURE - DRINKING WATER CONTAM	25	16
		(PRIMARY CAS NUMBER IS CHEMMIXH2O)		
	7789-38-0	WATER DISINFECTION MODEL (SODIUM BROMATE	21	5
	7789-38-0	WATER DISINFECTION MODEL (SODIUM BROMATE	21	5
	7789-38-0	WATER DISINFECTION MODEL (SODIUM BROMATE	21	5
	7803-51-2	PHOSPHINE	37	*
	8001-23-8	SAFFLOWER OIL	33	16

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* See Appendix, Prechronic Studies for Which Toxicity Technical Reports were not Prepared

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	CAS NUMBER	CHEMICAL NAME	PAGE	REF
@	8001-26-1	PREVENTION 1 (FLAXSEED OIL + MELATONIN)	38	*
		(PRIMARY CAS NUMBER IS FLAXSEED+MEL)		
	8001-26-1	PREVENTION 1 (FLAXSEED OIL)	38	*
	8001-30-7	CORN OIL	29	16
	8001-35-2	TOXAPHENE	34	16
	8001-79-4	CASTOR OIL	25	16
	8003-03-0	ASPIRIN, PHENACETIN, AND CAFFEINE	27	16
	8003-22-3	D & C YELLOW NO. 11	25	16
	8003-22-3	D & C YELLOW NO. 11	29	16
	8008-20-6	NAVY FUELS JP-5	31	16
	8024-37-1	TURMERIC, OLEORESIN (CURCUMIN)	34	16
	8052-42-4	ASPHALT FUMES	19	2
	9000-01-5	GUM ARABIC	30	16
	9000-30-0	GUAR GUM	30	16
	9000-38-8	KAVA KAVA EXTRACT	19	2
	9000-40-2	LOCUST BEAN GUM	31	16
	9002-18-0	AGAR	27	16
	9002-89-5	POLYVINYL ALCOHOL	33	16
	9005-65-6	POLYSORBATE 80 (GLYCOL)	33	16
	10026-24-1	COBALT SULFATE HEPTAHYDRATE	25	16
	10026-24-1	COBALT SULFATE HEPTAHYDRATE	29	16
@	10028-15-6	OZONE/NNK	32	16
		(PRIMARY CAS NUMBER IS OZONNNKCOMB)		
	10028-15-6	OZONE	32	16
	10028-15-6	OZONE	32	16
	10034-96-5	MANGANESE SULFATE MONOHYDRATE	31	16
	10034-96-5	MANGANESE SULFATE MONOHYDRATE	37	*
	10043-35-3	BORIC ACID	28	16
@	10060-12-5	CHEMICAL MIXTURE - DRINKING WATER CONTAM	25	16
		(PRIMARY CAS NUMBER IS CHEMMIXH2O)		
	10101-97-0	NICKEL SULFATE HEXAHYDRATE	31	16
	10102-18-8	SODIUM SELENITE	26	16
@	10108-64-2	CHEMICAL MIXTURE - DRINKING WATER CONTAM	25	16
		(PRIMARY CAS NUMBER IS CHEMMIXH2O)		
	10318-26-0	DIBROMODULCITOL	35	17
	10326-27-9	BARIUM CHLORIDE DIHYDRATE	27	16
	10326-27-9	BARIUM CHLORIDE DIHYDRATE	36	*
@	10599-90-3	CHLORAMINATED WATER	28	16
		(PRIMARY CAS NUMBER IS CHLORAMINEMX)		
@	11096-82-5	CHEMICAL MIXTURE - DRINKING WATER CONTAM	25	16
		(PRIMARY CAS NUMBER IS CHEMMIXH2O)		
	11097-69-1	AROCLOR 1254	27	16
	12001-28-4	ASBESTOS, CROCIDOLITE	27	16
	12001-29-5	ASBESTOS, CHRYSOTILE(IR)	27	16
	12001-29-5	ASBESTOS, CHRYSOTILE(IR)	27	16
	12001-29-5	ASBESTOS, CHRYSOTILE(IR)	27	16
	12001-29-5	ASBESTOS, CHRYSOTILE(IR) + DIMETHYL HYDR	27	16
	12001-29-5	ASBESTOS, CHRYSOTILE(IR) + DIMETHYL HYDR	27	16
	12001-29-5	ASBESTOS, CHRYSOTILE(SR)	27	16
	12001-29-5	ASBESTOS, CHRYSOTILE(SR)	27	16
	12024-21-4	GALLIUM OXIDE	37	*
	12027-67-7	AMMONIUM MOLYBDATE	19	2
	12035-72-2	NICKEL SUBSULFIDE	31	16
	12172-73-5	ASBESTOS, AMOSITE	27	16
	12172-73-5	ASBESTOS, AMOSITE	27	16
	12172-73-5	ASBESTOS, AMOSITE + DIMETHYL HYDRAZINE	27	16
	13010-47-4	LOMUSTINE	35	17
	13171-21-6	PHOSPHAMIDON	32	16
@	13292-46-1	AZT + RIFAMPIN (AIDS INITIATIVE)	36	*
		(PRIMARY CAS NUMBER IS AZTRIFAMPIN)		
	13366-73-9	PHOTODIELDRIN	32	16
	13410-01-0	SODIUM SELENATE	26	16
	13463-67-7	TITANIUM DIOXIDE	34	16
	13552-44-8	4,4'-METHYLENEDIANILINE DIHYDROCHLORIDE	31	16
	13746-66-2	POTASSIUM FERRICYANIDE	19	2
	13909-09-6	METHYL CCNU	35	17
	13983-17-0	WOLLASTONITE CALCIUM SILICATES	35	17
	14047-09-7	3,3',4,4'-TETRACHLOROAZOBENZENE	20	4
	14047-09-7	3,3',4,4'-TETRACHLOROAZOBENZENE	26	16
	14371-10-9	TRANS-CINNAMALDEHYDE	22	10
	14371-10-9	TRANS-CINNAMALDEHYDE	36	*
	14567-73-8	ASBESTOS, TREMOLITE	27	16
	14639-25-9	CHROMIUM PICOLINATE	19	2
	14807-96-6	TALC	33	16
	14808-60-7	SILICA, CRYSTALLINE - QUARTZ	38	*
	14808-60-7	SILICA, CRYSTALLINE - QUARTZ	38	*
	14808-60-7	SILICA, CRYSTALLINE - QUARTZ	38	*
@	14866-68-3	WATER DISINFECTION BYPRODUCTS (SODIUM CH	22	7
		(PRIMARY CAS NUMBER IS 7775-09-9)		
	15356-70-4	DL-MENTHOL	31	16
	15481-70-6	TRANSGENIC MODEL EVALUATION (2,6-DIAMINO	24	12
	15481-70-6	TRANSGENIC MODEL EVALUATION (2,6-DIAMINO	24	12
	15481-70-6	2,6-TOLUENEDIAMINE DIHYDROCHLORIDE (2,6-	34	16
	15625-89-5	TRIMETHYLOLPROPANE TRIACRYLATE	21	6
	15625-89-5	TRIMETHYLOLPROPANE TRIACRYLATE	24	12
	15805-73-9	TRANSGENIC LEP (VINYL CARBAMATE)	38	*
@	15972-60-8	PESTICIDE/FERTILIZER CONTAMINATION--MIXT	26	16
		(PRIMARY CAS NUMBER IS PESTFERTMIX3)		
	16071-86-6	C.I. DIRECT BROWN 95	25	16
	16561-29-8	TETRADECANOYL PHORBOL ACETATE (TPA)	21	5
@	16561-29-8	INIT/PROM COMPARATIVE MOUSE STUDY (DMBA/	31	16
		(PRIMARY CAS NUMBER IS INIT/PROM)		
@	16561-29-8	INIT/PROM COMPARATIVE MOUSE STUDY (DMBA/	31	16
		(PRIMARY CAS NUMBER IS INIT/PROM)		
@	16561-29-8	INIT/PROM COMPARATIVE MOUSE STUDY (DMBA/	31	16
		(PRIMARY CAS NUMBER IS INIT/PROM)		
	16561-29-8	TRANSGENIC LECM (TETRADECANOYL PHORBOL A	38	*
	17026-81-2	3-AMINO-4-ETHOXYACETANILIDE	27	16
	17924-92-4	ZEARALENONE	34	16
	18662-53-8	NITRILOTRIACETIC ACID TRISODIUM MONOHYDR	32	16
	18662-53-8	NITRILOTRIACETIC ACID TRISODIUM MONOHYDR	32	16
	18883-66-4	STREPTOZOTOCIN	35	17
	19010-66-3	LEAD DIMETHYLDITHIOCARBAMATE	31	16
	20265-96-7	P-CHLOROANILINE HYDROCHLORIDE	28	16
	20265-97-8	TRANSGENIC MODEL EVALUATION (P-ANISIDINE	23	12
	20265-97-8	P-ANISIDINE HYDROCHLORIDE	27	16
	20265-97-8	TRANSGENIC LEP (P-ANISIDINE HYDROCHLORID	38	*
	20325-40-0	3,3'-DIMETHOXYBENZIDINE DIHYDROCHLORIDE	30	16
	20562-02-1	ALPHA-SOLANINE	19	2
	20830-81-3	DAUNOMYCIN	35	17
	20941-65-5	ETHYL TELLURAC	30	16
@	21087-64-9	PESTICIDE/FERTILIZER CONTAMINATION--MIXT	26	16
		(PRIMARY CAS NUMBER IS PESTFERTMIX3)		
	21232-47-3	3,3',4,4'-TETRACHLOROAZOXYBENZENE	26	16
@	21368-68-3	DL-CAMPHOR	23	12
		(PRIMARY CAS NUMBER IS 76-22-2)		
	21416-87-5	ICRF-159	31	16
@	21725-46-2	PESTICIDE/FERTILIZER CONTAMINATION--MIXT	26	16
		(PRIMARY CAS NUMBER IS PESTFERTMIX3)		
	21739-91-3	CYTEMBENA	29	16
	22398-80-7	INDIUM PHOSPHIDE	24	14
@	22571-95-5	COMFREY + SYMPHYTINE MIXTURE	19	2
		(PRIMARY CAS NUMBER IS COMFREYMIX)		
	22839-47-0	TRANSGENIC MODEL EVALUATION II (ASPARTAM	21	5
	22839-47-0	TRANSGENIC MODEL EVALUATION II (ASPARTAM	21	5
	22966-79-6	ESTRADIOL MUSTARD	30	16
	23246-96-0	RIDDELLIINE	23	10
	23246-96-0	RIDDELLIINE	26	16
	24072-75-1	5,6-DICHLORO-2-BENZOTHIAZOLAMINE	36	*
	24382-04-5	MALONALDEHYDE, SODIUM SALT	31	16
	25013-15-4	VINYL TOLUENE	34	16
	25152-84-5	2,4-DECADIENAL	23	12
	25152-84-5	2,4-DECADIENAL	36	*
	25265-71-8	DIPROPYLENE GLYCOL	22	8
	25265-71-8	DIPROPYLENE GLYCOL	37	*
	25812-30-0	PEROXISOME PROJECT (GEMFIBROZIL)	23	12
	26471-62-5	2,4- & 2,6-TOLUENE DIISOCYANATE	34	16
	26628-22-8	SODIUM AZIDE	33	16
	26780-96-1	1,2-DIHYDRO-2,2,4-TRIMETHYLQUINOLINE (PO	37	*
	28300-74-5	ANTIMONY POTASSIUM TARTRATE	25	16
@	28380-38-3	ARSENIC TRIOXIDE	19	2
		(PRIMARY CAS NUMBER IS 1327-53-3)		
	28407-37-6	C.I. DIRECT BLUE 218	28	16
	28407-37-6	C.I. DIRECT BLUE 218	36	*
@	30516-87-1	AZT + TMP/SMX (MIXTURE) COMBINATION	21	6
		(PRIMARY CAS NUMBER IS AZTTMPSMX)		
	30516-87-1	AZT TRANSPLACENTAL CARCINOGENESIS STUDY	22	7

@ Denotes multiple CAS numbers for study--see following line for primary CAS number.

* See Appendix, Prechronic Studies for Which Toxicity Technical Reports were not Prepared

Index of Chemicals by CAS Number with Reference Location:

CAS NUMBER	CHEMICAL NAME	PAGE	REF
@ 30516-87-1	AZT + METHADONE HCL (AIDS)	23	12
	(PRIMARY CAS NUMBER IS AZTMETHCOMB)		
@ 30516-87-1	INTERFERON AD + 3'-AZIDO-3'-DEOXYTHYMIDI	31	16
	(PRIMARY CAS NUMBER IS INTAZTCOMB)		
30516-87-1	3'-AZIDO-3'-DEOXYTHYMIDINE (AIDS INITIAT	27	16
@ 30516-87-1	3'-AZIDO-3'-DEOXYTHYMIDINE/2',3'-DIDEOXY	36	*
	(PRIMARY CAS NUMBER IS AZTDDCCOMB)		
@ 30516-87-1	3'-AZIDO-3'-DEOXYTHYMIDINE + 2',3'-DIDEO	36	*
	(PRIMARY CAS NUMBER IS AZTDDICOMB)		
@ 30516-87-1	AZT + ISONIAZID (AIDS INITIATIVE)	36	*
	(PRIMARY CAS NUMBER IS AZTISONIAZID)		
@ 30516-87-1	AZT + PYRAZINAMIDE COMBINATION (AIDS INI	36	*
	(PRIMARY CAS NUMBER IS AZTZINAMIDE)		
@ 30516-87-1	AZT + RIFAMPIN (AIDS INITIATIVE)	36	*
	(PRIMARY CAS NUMBER IS AZTRIFAMPIN)		
@ 30516-87-1	AZT + TMP/SMX (MIXTURE) COMBINATION	36	*
	(PRIMARY CAS NUMBER IS AZTTMPSMX)		
31508-00-6	TOXIC EQUIVALENCY FACTOR EVALUATION ((PC	22	7
33229-34-4	HC BLUE 2	30	16
33857-26-0	2,7-DICHLORODIBENZO-P-DIOXIN	29	16
@ 35065-27-1	TOXIC EQUIVALENCY FACTOR EVALUATION (BIN	22	7
	(PRIMARY CAS NUMBER IS TEFBINARYMIX)		
35065-27-1	TOXIC EQUIVALENCY FACTOR EVALUATION (PCB	22	7
35691-65-7	1,2-DIBROMO-2,4-DICYANOBUTANE	20	5
35691-65-7	1,2-DIBROMO-2,4-DICYANOBUTANE	36	*
35691-65-7	1,2-DIBROMO-2,4-DICYANOBUTANE	36	*
37319-17-8	ELMIRON (SODIUM PENTOSANPOLYSULFATE)	23	10
37319-17-8	ELMIRON (SODIUM PENTOSANPOLYSULFATE)	37	*
39156-41-7	2,4-DIAMINOANISOLE SULFATE	29	16
39300-88-4	TARA GUM	33	16
41372-08-1	METHYLDOPA SESQUIHYDRATE	31	16
50647-08-0	GINSENG	19	2
50892-23-4	TRANSGENIC MODEL EVALUATION (WY-14643)	21	6
50892-23-4	TRANSGENIC MODEL EVALUATION (WY-14643)	21	6
50892-23-4	PEROXISOME PROJECT (WY-14643)	23	12
@ 51218-45-2	PESTICIDE/FERTILIZER CONTAMINATION--MIXT	26	16
	(PRIMARY CAS NUMBER IS PESTFERTMIX3)		
54150-69-5	2,4-DIMETHOXYANILINE HYDROCHLORIDE	30	16
55566-30-8	TETRAKIS(HYDROXYMETHYL)PHOSPHONIUM SULFA	33	16
55589-62-3	TRANSGENIC MODEL EVALUATION II (ACESULFA	21	5
56802-99-4	CHLORINATED TRISODIUM PHOSPHATE	28	16
57018-52-7	PROPYLENE GLYCOL MONO-T-BUTYL ETHER	22	8
57117-31-4	TOXIC EQUIVALENCY FACTOR EVALUATION ((PE	22	7
@ 57117-31-4	TOXIC EQUIVALENCY FACTOR EVALUATION (DIO	22	8
	(PRIMARY CAS NUMBER IS TEFDIOXINMIX)		
@ 57465-28-8	TOXIC EQUIVALENCY FACTOR EVALUATION (BIN	22	7
	(PRIMARY CAS NUMBER IS TEFBINARYMIX)		
@ 57465-28-8	TOXIC EQUIVALENCY FACTOR EVALUATION (DIO	22	8
	(PRIMARY CAS NUMBER IS TEFDIOXINMIX)		
57465-28-8	TOXIC EQUIVALENCY FACTOR EVALUATION ((PC	22	8
57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	30	16
57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	30	16
59820-43-8	HC YELLOW 4	30	16
59865-13-3	TRANSGENIC MODEL EVALUATION (CYCLOSPORIN	23	12
59865-13-3	TRANSGENIC MODEL EVALUATION (CYCLOSPORIN	23	12
59865-13-3	TRANSGENIC LEP (CYCLOSPORIN A)	38	*
61702-44-1	2-CHLORO-P-PHENYLENEDIAMINE SULFATE	28	16
@ 63449-39-8	CHLORINATED PARAFFINS: C12, 60% CHLORINE	28	16
	(PRIMARY CAS NUMBER IS 108171-26-2)		
@ 63449-39-8	CHLORINATED PARAFFINS: C23, 43% CHLORINE	28	16
	(PRIMARY CAS NUMBER IS 108171-27-3)		
@ 64091-91-4	OZONE/NNK	32	16
	(PRIMARY CAS NUMBER IS OZONNNKCOMB)		
64742-88-7	STODDARD SOLVENT (TYPE IIC)	21	6
@ 65646-68-6	RETINOID PROJECT 1	38	*
	(PRIMARY CAS NUMBER IS RETINOID1)		
65646-68-6	RETINOID PROJECT 2 (4-(HYDROXYPHENYL)RET	38	*
65646-68-6	RETINOID PROJECT 4 (4-HYDROXYPHENYL)RETI	38	*
65646-68-6	RETINOID PROJECT 5 (4-HYDROXYPHENYL)RETI	38	*
65646-68-6	RETINOID PROJECT 6 (4-HPR)	38	*
@ 65666-07-1	PREVENTION 2 (SILYMARIN + MELATONIN)	20	5
	(PRIMARY CAS NUMBER IS SILYMARN+MEL)		
65666-07-1	PREVENTION 2 (SILYMARIN)	20	5
67774-32-7	POLYBROMINATED BIPHENYL MIXTURE (FIREMAS	33	16
67774-32-7	POLYBROMINATED BIPHENYL MIXTURE (FIREMAS	33	16
68603-42-9	COCONUT OIL ACID DIETHANOLAMINE CONDENSA	24	14
68603-42-9	TRANSGENIC LECM (COCONUT OIL ACID DIETHA	38	*
68603-42-9	TRANSGENIC LECM (COCONUT OIL ACID DIETHA	38	*
@ 69655-05-6	3'-AZIDO-3'-DEOXYTHYMIDINE + 2',3'-DIDEO	36	*
	(PRIMARY CAS NUMBER IS AZTDDICOMB)		
69655-05-6	2',3'-DIDEOXYINOSINE (AIDS INITIATIVE)	36	*
71133-14-7	WATER DISINFECTION BYPRODUCTS (BROMODICH	20	4
@ 72698-57-8	COMFREY + SYMPHYTINE MIXTURE	19	2
	(PRIMARY CAS NUMBER IS COMFREYMIX)		
76543-88-9	INTERFERON A (AIDS INITIATIVE)	31	16
77439-76-0	3-CHLORO-4-(DICHLOROMETHYL)-5-HYDROXY-2(	20	5
@ 84604-15-9	SAW PALMETTO AND BETA-SITOSTEROL MIXTURE	19	2
	(PRIMARY CAS NUMBER IS SAWPALMETMIX)		
84604-20-6	MILK THISTLE EXTRACT	19	2
90028-20-9	ECHINACEA PURPUREA, EXT.	19	2
90045-36-6	GINKGO BILOBA EXTRACT	20	3
103426-96-6	1,2,3,4,6,7-HEXACHLORONAPHTHALENE (PCN 6	20	3
103426-97-7	1,2,3,5,6,7-HEXACHLORONAPHTHALENE (PCN 6	20	3
108171-26-2	CHLORINATED PARAFFINS: C12, 60% CHLORINE	28	16
108171-27-3	CHLORINATED PARAFFINS: C23, 43% CHLORINE	28	16
112859-71-9	FLUASTERONE	19	2
116355-83-0	FUMONISIN B1	24	14
116355-83-0	FUMONISIN B1	37	*
125533-88-2	RETINOID PROJECT 6 (AROTINOID)	38	*
125533-88-2	RETINOID PROJECT 3 (AROTINOID)	38	*
125533-88-2	RETINOID PROJECT 5 (AROTINOID)	38	*
@AIDSINIT	AZT + TMP/SMX (MIXTURE) COMBINATION	21	6
	(PRIMARY CAS NUMBER IS AZTTMPSMX)		
@AIDSINIT	AZT TRANSPLACENTAL CARCINOGENESIS STUDY	22	7
	(PRIMARY CAS NUMBER IS 30516-87-1)		
@AIDSINIT	AZT + METHADONE HCL (AIDS)	23	12
	(PRIMARY CAS NUMBER IS AZTMETHCOMB)		
@AIDSINIT	2',3'-DIDEOXYCYTIDINE	23	12
	(PRIMARY CAS NUMBER IS 7481-89-2)		
@AIDSINIT	2',3'-DIDEOXYCYTIDINE	23	12
	(PRIMARY CAS NUMBER IS 7481-89-2)		
@AIDSINIT	3'-AZIDO-3'-DEOXYTHYMIDINE (AIDS INITIAT	27	16
	(PRIMARY CAS NUMBER IS 30516-87-1)		
@AIDSINIT	INTERFERON AD (AIDS INITIATIVE)	31	16
	(PRIMARY CAS NUMBER IS INTERFERONAD)		
@AIDSINIT	INTERFERON AD + 3'-AZIDO-3'-DEOXYTHYMIDI	31	16
	(PRIMARY CAS NUMBER IS INTAZTCOMB)		
@AIDSINIT	INTERFERON A (AIDS INITIATIVE)	31	16
	(PRIMARY CAS NUMBER IS 76543-88-9)		
@AIDSINIT	ISOBUTYL NITRITE	31	16
	(PRIMARY CAS NUMBER IS 542-56-3)		
@AIDSINIT	PYRAZINAMIDE	33	16
	(PRIMARY CAS NUMBER IS 98-96-4)		
@AIDSINIT	4,4'-SULFONYLDIANILINE (DAPSONE)	33	16
	(PRIMARY CAS NUMBER IS 80-08-0)		
@AIDSINIT	3'-AZIDO-3'-DEOXYTHYMIDINE/2',3'-DIDEOXY	36	*
	(PRIMARY CAS NUMBER IS AZTDDCCOMB)		
@AIDSINIT	3'-AZIDO-3'-DEOXYTHYMIDINE + 2',3'-DIDEO	36	*
	(PRIMARY CAS NUMBER IS AZTDDICOMB)		
@AIDSINIT	AZT + ISONIAZID (AIDS INITIATIVE)	36	*
	(PRIMARY CAS NUMBER IS AZTISONIAZID)		
@AIDSINIT	AZT + PYRAZINAMIDE COMBINATION (AIDS INI	36	*
	(PRIMARY CAS NUMBER IS AZTZINAMIDE)		
@AIDSINIT	AZT + RIFAMPIN (AIDS INITIATIVE)	36	*
	(PRIMARY CAS NUMBER IS AZTRIFAMPIN)		
@AIDSINIT	AZT + TMP/SMX (MIXTURE) COMBINATION	36	*
	(PRIMARY CAS NUMBER IS AZTTMPSMX)		
@AIDSINIT	2',3'-DIDEOXYCYTIDINE	36	*
	(PRIMARY CAS NUMBER IS 7481-89-2)		
@AIDSINIT	2',3'-DIDEOXYINOSINE (AIDS INITIATIVE)	36	*
	(PRIMARY CAS NUMBER IS 69655-05-6)		
@ALPHAHYDROXY	ALPHA-HYDROXY ACIDS (GLYCOLIC ACID)	19	2
	(PRIMARY CAS NUMBER IS 79-14-1)		
@ALPHAHYDROXY	ALPHA-HYDROXY ACIDS (LACTIC ACID)	19	2
	(PRIMARY CAS NUMBER IS 50-21-5)		
ASBESTOSFIB	ASBESTOS FIBERS	19	2
AZTDDCCOMB	3'-AZIDO-3'-DEOXYTHYMIDINE/2',3'-DIDEOXY	36	*
AZTDDICOMB	3'-AZIDO-3'-DEOXYTHYMIDINE + 2',3'-DIDEO	36	*

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Index of Chemicals by CAS Number with Reference Location:

CAS NUMBER	CHEMICAL NAME	PAGE	REF
AZTISONIAZID	AZT + ISONIAZID (AIDS INITIATIVE)	36	*
AZTMETHCOMB	AZT + METHADONE HCL (AIDS)	23	12
AZTRIFAMPIN	AZT + RIFAMPIN (AIDS INITIATIVE)	36	*
AZTTMPSMX	AZT + TMP/SMX (MIXTURE) COMBINATION	21	6
AZTTMPSMX	AZT + TMP/SMX (MIXTURE) COMBINATION	36	*
AZTZINAMIDE	AZT + PYRAZINAMIDE COMBINATION (AIDS INI	36	*
CELLULOSEINS	CELLULOSE INSULATION	19	2
CHEMMIXH2O	CHEMICAL MIXTURE - DRINKING WATER CONTAM	25	16
CHLORAMINEMX	CHLORAMINATED WATER	28	16
CHLORWATERMX	CHLORINATED WATER	28	16
COMFREYMIX	COMFREY + SYMPHYTINE MIXTURE	19	2
DIESELFUEL	DIESEL FUEL MARINE	29	16
DIET2000	NTP-2000 DIET	37	*
DIET88+EGMBE	NTP-88 DIET STUDY (EGMBE)	37	*
DIET88+EGMEE	NTP-88 DIET STUDY (EGMEE)	37	*
DIET88+EGMME	NTP-88 DIET STUDY (EGMME)	37	*
DIET88+MNITR	NTP-88 DIET STUDY (M-NITROTOLUENE)	37	*
DIET88+ONITR	NTP-88 DIET STUDY (O-NITROTOLUENE)	37	*
DIET88+PNITR	NTP-88 DIET STUDY (P-NITROTOLUENE)	37	*
DIET90	NTP 90 DIET STUDY	35	17
DIET9192	NTP 91/92 DIET STUDY	35	17
DIETH/DIMETH	DIETHYL PHTHALATE/DIMETHYL PHTHALATE	29	16
@ELECTROMAG	MAGNETIC FIELDS + DMBA INITIATION PROMOT	31	16
(PRIMARY CAS NUMBER IS EMF+DMBA)			
ELECTROMAG	MAGNETIC FIELDS (EMF)	26	16
ELECTROMAG	MAGNETIC FIELDS (EMF)	31	16
ELECTROMAG	MAGNETIC FIELDS (EMF)	37	*
EMF+DMBA	MAGNETIC FIELDS + DMBA INITIATION PROMOT	31	16
@EMTDP-100	CHEMICAL MIXTURE - DRINKING WATER CONTAM	25	16
(PRIMARY CAS NUMBER IS CHEMMIXH2O)			
@EMTDP-33	DIESEL FUEL MARINE	29	16
(PRIMARY CAS NUMBER IS DIESELFUEL)			
@EMTDP-68	BETA-BROMO-BETA-NITROSTYRENE	25	16
(PRIMARY CAS NUMBER IS 7166-19-0)			
@EMTDP-71	CHLORINATED PARAFFINS: C23, 43% CHLORINE	28	16
(PRIMARY CAS NUMBER IS 108171-27-3)			
EMTDP-74	SELSUN	33	16
EMTDP-75	BLACK NEWSPRINT INK	25	16
EMTDP-76	3-METHYL-6-METHOXY-2-AMINO-BENZOTHIAZOLI	37	*
EMTDP-76	3-METHYL-6-METHOXY-2-AMINO-BENZOTHIAZOLI	37	*
@EMTDP-86	3'-AZIDO-3'-DEOXYTHYMIDINE/2',3'-DIDEOXY	36	*
(PRIMARY CAS NUMBER IS AZTDDCCOMB)			
@EMTDP-92	PESTICIDE/FERTILIZER CONTAMINATION--MIXT	26	16
(PRIMARY CAS NUMBER IS PESTFERTMIX2)			
@EMTDP-93	PESTICIDE/FERTILIZER CONTAMINATION--MIXT	26	16
(PRIMARY CAS NUMBER IS PESTFERTMIX3)			
@EMTDP-99	URETHANE + ETHANOL (COMBINATION)	22	8
(PRIMARY CAS NUMBER IS URETHCOMB)			
@EMTDP-99	URETHANE + ETHANOL (COMBINATION)	26	16
(PRIMARY CAS NUMBER IS URETHCOMB)			
FEEDRESTRICT	FEED RESTRICTION STUDIES	30	16
@FISHPROJECT1	FISH PROJECT 1 (NITROMETHANE)	22	8
(PRIMARY CAS NUMBER IS 75-52-5)			
@FISHPROJECT1	FISH PROJECT 1 (NITROMETHANE)	22	8
(PRIMARY CAS NUMBER IS 75-52-5)			
@FISHPROJECT1	FISH PROJECT 1 (2,2-BIS(BROMOMETHYL)-1,3	22	8
(PRIMARY CAS NUMBER IS 3296-90-0)			
@FISHPROJECT1	FISH PROJECT 1 (2,2-BIS(BROMOMETHYL)-1,3	22	8
(PRIMARY CAS NUMBER IS 3296-90-0)			
@FISHPROJECT1	FISH PROJECT 1 (1,2,3-TRICHLOROPROPANE)	22	8
(PRIMARY CAS NUMBER IS 96-18-4)			
@FISHPROJECT1	FISH PROJECT 1 (1,2,3-TRICHLOROPROPANE)	22	8
(PRIMARY CAS NUMBER IS 96-18-4)			
FLAXSEED+MEL	PREVENTION 1 (FLAXSEED OIL + MELATONIN)	38	*
GLYCINEBENZA	GLYCINE + BENZYL ACETATE COMBINATION STU	37	*
GOLDENSEALRT	POWDERED ROOT OF GOLDENSEAL	20	3
@H20DISINFBP	WATER DISINFECTION BYPRODUCTS (BROMOCHLO	21	5
(PRIMARY CAS NUMBER IS 5589-96-8)			
@H2ODISINFBP	WATER DISINFECTION BYPRODUCTS (BROMODICH	20	4
(PRIMARY CAS NUMBER IS 71133-14-7)			
@H2ODISINFBP	WATER DISINFECTION BYPRODUCTS (DIBROMOAC	20	4
(PRIMARY CAS NUMBER IS 3252-43-5)			
@H2ODISINFBP	WATER DISINFECTION BYPRODUCTS (DICHLOROA	21	5
(PRIMARY CAS NUMBER IS 79-43-6)			
@H2ODISINFBP	WATER DISINFECTION BYPRODUCTS (BROMODICH	22	7
(PRIMARY CAS NUMBER IS 75-27-4)			
@H2ODISINFBP	WATER DISINFECTION BYPRODUCTS (DIBROMOAC	22	7
(PRIMARY CAS NUMBER IS 631-64-1)			
@H2ODISINFBP	WATER DISINFECTION BYPRODUCTS (SODIUM CH	22	7
(PRIMARY CAS NUMBER IS 7775-09-9)			
@H2ODISMODEL	WATER DISINFECTION MODEL (BROMODICHLOROM	21	5
(PRIMARY CAS NUMBER IS 75-27-4)			
@H2ODISMODEL	WATER DISINFECTION MODEL (BROMODICHLOROM	21	5
(PRIMARY CAS NUMBER IS 75-27-4)			
@H2ODISMODEL	WATER DISINFECTION MODEL (BROMODICHLOROM	21	5
(PRIMARY CAS NUMBER IS 75-27-4)			
@H2ODISMODEL	WATER DISINFECTION MODEL (BROMODICHLOROM	21	5
(PRIMARY CAS NUMBER IS 75-27-4)			
@H2ODISMODEL	WATER DISINFECTION MODEL (BROMODICHLOROM	21	5
(PRIMARY CAS NUMBER IS 75-27-4)			
@H2ODISMODEL	WATER DISINFECTION MODEL (DICHLOROACETIC	21	5
(PRIMARY CAS NUMBER IS 79-43-6)			
@H2ODISMODEL	WATER DISINFECTION MODEL (DICHLOROACETIC	21	5
(PRIMARY CAS NUMBER IS 79-43-6)			
@H2ODISMODEL	WATER DISINFECTION MODEL (DICHLOROACETIC	21	5
(PRIMARY CAS NUMBER IS 79-43-6)			
@H2ODISMODEL	WATER DISINFECTION MODEL (SODIUM BROMATE	21	5
(PRIMARY CAS NUMBER IS 7789-38-0)			
@H2ODISMODEL	WATER DISINFECTION MODEL (SODIUM BROMATE	21	5
(PRIMARY CAS NUMBER IS 7789-38-0)			
@H2ODISMODEL	WATER DISINFECTION MODEL (SODIUM BROMATE	21	5
(PRIMARY CAS NUMBER IS 7789-38-0)			
@HALOETHANES	HALOGENATED ETHANES CS (1,2-DICHLORO-1,1	26	16
(PRIMARY CAS NUMBER IS 1649-08-7)			
@HALOETHANES	HALOGENATED ETHANES CS (1,2-DIFLUORO-1,1	26	16
(PRIMARY CAS NUMBER IS 76-12-0)			
@HALOETHANES	HALOGENATED ETHANES CS (HEXACHLOROETHANE	26	16
(PRIMARY CAS NUMBER IS 67-72-1)			
@HALOETHANES	HALOGENATED ETHANES CS (PENTABROMOETHANE	26	16
(PRIMARY CAS NUMBER IS 75-95-6)			
@HALOETHANES	HALOGENATED ETHANES CS (PENTACHLOROETHAN	26	16
(PRIMARY CAS NUMBER IS 76-01-7)			
@HALOETHANES	HALOGENATED ETHANES CS (1,1,1,2-TETRABRO	26	16
(PRIMARY CAS NUMBER IS 630-16-0)			
@HALOETHANES	HALOGENATED ETHANES CS (1,1,2,2-TETRABRO	26	16
(PRIMARY CAS NUMBER IS 79-27-6)			
@HALOETHANES	HALOGENATED ETHANES CS (1,1,1,2-TETRACHL	26	16
(PRIMARY CAS NUMBER IS 630-20-6)			
@HALOETHANES	HALOGENATED ETHANES CS (1,1,2,2-TETRACHL	26	16
(PRIMARY CAS NUMBER IS 79-34-5)			
@HALOETHANES	HALOGENATED ETHANES CS (1,1,1-TRICHLOROE	26	16
(PRIMARY CAS NUMBER IS 71-55-6)			
@HALOETHANES	HALOGENATED ETHANES CS (1,1,1-TRICHLORO-	26	16
(PRIMARY CAS NUMBER IS 354-58-5)			
@HERBALS	COMFREY + SYMPHYTINE MIXTURE	19	2
(PRIMARY CAS NUMBER IS COMFREYMIX)			
@HERBALS	SAW PALMETTO AND BETA-SITOSTEROL MIXTURE	19	2
(PRIMARY CAS NUMBER IS SAWPALMETMIX)			
@HERBALS	ALPHA/BETA THUJONE MIXTURE	19	2
(PRIMARY CAS NUMBER IS THUJONEMIXAB)			
INIT/PROM	INIT/PROM COMPARATIVE MOUSE STUDY (DMBA/	31	16
INIT/PROM	INIT/PROM COMPARATIVE MOUSE STUDY (DMBA/	31	16
INIT/PROM	INIT/PROM COMPARATIVE MOUSE STUDY (DMBA/	31	16
INTAZTCOMB	INTERFERON AD + 3'-AZIDO-3'-DEOXYTHYMIDI	31	16
INTDDCCOMB	INTERFERON AD + DDC (AIDS INITIATIVE)	37	*
@INTERFERONAD	INTERFERON AD + 3'-AZIDO-3'-DEOXYTHYMIDI	31	16
(PRIMARY CAS NUMBER IS INTAZTCOMB)			
INTERFERONAD	INTERFERON AD (AIDS INITIATIVE)	31	16
@INTERFERONAD	INTERFERON AD + DDC (AIDS INITIATIVE)	37	*
(PRIMARY CAS NUMBER IS INTDDCCOMB)			
LEADORES	LEAD ORES	37	*
MEL+CURCUMIN	PREVENTION 4 (MELATONIN + CURCUMIN)	21	5
MEL+INDOLCAR	PREVENTION 4 (MELATONIN+INDOLE-3-CARBINO	21	5
MOUSEAGE	MOUSE AGEING STUDY	35	17
OZONNNKCOMB	OZONE/NNK	32	16
PBCONTAMSOIL	LEAD CONTAMINATED SOIL	37	*
@PEROXISOMES	PEROXISOME PROJECT (DIBUTYL PHTHALATE)	23	12
(PRIMARY CAS NUMBER IS 84-74-2)			

@ Denotes multiple CAS numbers for study--see following line for primary CAS number.

* See Appendix, Prechronic Studies for Which Toxicity Technical Reports were not Prepared

Index of Chemicals by CAS Number with Reference Location:

CAS NUMBER	CHEMICAL NAME	PAGE	REF
@PEROXISOMES	PEROXISOME PROJECT (2,4-DICHLOROPHENOXYA (PRIMARY CAS NUMBER IS 94-75-7)	23	12
@PEROXISOMES	PEROXISOME PROJECT (GEMFIBROZIL) (PRIMARY CAS NUMBER IS 25812-30-0)	23	12
@PEROXISOMES	PEROXISOME PROJECT (WY-14643) (PRIMARY CAS NUMBER IS 50892-23-4)	23	12
PESTFERTMIX2	PESTICIDE/FERTILIZER CONTAMINATION--MIXT	26	16
PESTFERTMIX3	PESTICIDE/FERTILIZER CONTAMINATION--MIXT	26	16
@PREVENTION1	PREVENTION 1 (MELATONIN) (PRIMARY CAS NUMBER IS 73-31-4)	37	*
@PREVENTION1	PREVENTION 1 (FLAXSEED OIL) (PRIMARY CAS NUMBER IS 8001-26-1)	38	*
@PREVENTION1	PREVENTION 1 (FLAXSEED OIL + MELATONIN) (PRIMARY CAS NUMBER IS FLAXSEED+MEL)	38	*
@PREVENTION2	PREVENTION 2 (MELATONIN) (PRIMARY CAS NUMBER IS 73-31-4)	20	5
@PREVENTION2	PREVENTION 2 (SILYMARIN) (PRIMARY CAS NUMBER IS 65666-07-1)	20	5
@PREVENTION2	PREVENTION 2 (SILYMARIN + MELATONIN) (PRIMARY CAS NUMBER IS SILYMARN+MEL)	20	5
@PREVENTION3	PREVENTION 3 (MELATONIN) (PRIMARY CAS NUMBER IS 73-31-4)	20	5
@PREVENTION4	PREVENTION 4 (CURCUMIN) (PRIMARY CAS NUMBER IS 458-37-7)	21	5
@PREVENTION4	PREVENTION 4 (INDOLE-3-CARBINOL) (PRIMARY CAS NUMBER IS 700-06-1)	21	5
@PREVENTION4	PREVENTION 4 (MELATONIN) (PRIMARY CAS NUMBER IS 73-31-4)	21	5
@PREVENTION4	PREVENTION 4 (MELATONIN + CURCUMIN) (PRIMARY CAS NUMBER IS MEL+CURCUMIN)	21	5
@PREVENTION4	PREVENTION 4 (MELATONIN+INDOLE-3-CARBINO (PRIMARY CAS NUMBER IS MEL+INDOLCAR)	21	5
RETINOID1	RETINOID PROJECT 1	38	*
@RETINOID2	RETINOID PROJECT 2 (4-(HYDROXYPHENYL)RET (PRIMARY CAS NUMBER IS 65646-68-6)	38	*
@RETINOID3	RETINOID PROJECT 3 (RETINOL ACETATE) (PRIMARY CAS NUMBER IS 127-47-9)	38	*
@RETINOID3	RETINOID PROJECT 3 (AROTINOID) (PRIMARY CAS NUMBER IS 125533-88-2)	38	*
@RETINOID4	RETINOID PROJECT 4 (4-HYDROXYPHENYL)RETI (PRIMARY CAS NUMBER IS 65646-68-6)	38	*
@RETINOID5	RETINOID PROJECT 5 (4-HYDROXYPHENYL)RETI (PRIMARY CAS NUMBER IS 65646-68-6)	38	*
@RETINOID5	RETINOID PROJECT 5 (AROTINOID) (PRIMARY CAS NUMBER IS 125533-88-2)	38	*
@RETINOID6	RETINOID PROJECT 6 (AROTINOID) (PRIMARY CAS NUMBER IS 125533-88-2)	38	*
@RETINOID6	RETINOID PROJECT 6 (4-HPR) (PRIMARY CAS NUMBER IS 65646-68-6)	38	*
RETROVIRVECT	RETROVIRAL VECTORS	38	*
RETROVIRVECT	RETROVIRAL VECTORS	38	*
RETROVIRVECT	RETROVIRAL VECTORS	38	*
RETROVIRVECT	RETROVIRAL VECTORS	38	*
SANTRIMER2	STYRENE-ACRYLONITRILE TRIMER	19	2
SAWPALMETMIX	SAW PALMETTO AND BETA-SITOSTEROL MIXTURE	19	2
SILYMARN+MEL	PREVENTION 2 (SILYMARIN + MELATONIN)	20	5
@STODDARDSOLV	STODDARD SOLVENT (TYPE IIC) (PRIMARY CAS NUMBER IS 64742-88-7)	21	6
STODSOLV IA	STODDARD SOLVENT (IA)	20	4
TEFBINARYMIX	TOXIC EQUIVALENCY FACTOR EVALUATION (BIN	22	7
TEFDIOXINMIX	TOXIC EQUIVALENCY FACTOR EVALUATION (DIO	22	8
@TGMODELEVAL	TRANSGENIC MODEL EVALUATION (DES) (PRIMARY CAS NUMBER IS 56-53-1)	21	5
@TGMODELEVAL	TRANSGENIC MODEL EVALUATION (ETHINYL EST (PRIMARY CAS NUMBER IS 57-63-6)	21	5
@TGMODELEVAL	TRANSGENIC MODEL EVALUATION (ETHINYL EST (PRIMARY CAS NUMBER IS 57-63-6)	21	5
@TGMODELEVAL	TRANSGENIC MODEL EVALUATION II (ACESULFA (PRIMARY CAS NUMBER IS 55589-62-3)	21	5
@TGMODELEVAL	TRANSGENIC MODEL EVALUATION II (ASPARTAM (PRIMARY CAS NUMBER IS 22839-47-0)	21	5
@TGMODELEVAL	TRANSGENIC MODEL EVALUATION II (ASPARTAM (PRIMARY CAS NUMBER IS 22839-47-0)	21	5
@TGMODELEVAL	TRANSGENIC MODEL EVALUATION II (BENZENE) (PRIMARY CAS NUMBER IS 71-43-2)	21	5
@TGMODELEVAL	TRANSGENIC MODEL EVALUATION II (GLYCIDOL (PRIMARY CAS NUMBER IS 556-52-5)	21	5
@TGMODELEVAL	TRANSGENIC MODEL EVALUATION II (PHENOLPH (PRIMARY CAS NUMBER IS 77-09-8)	21	5
@TGMODELEVAL	TRANSGENIC MODEL EVALUATION (MELPHALAN) (PRIMARY CAS NUMBER IS 148-82-3)	21	5
@TGMODELEVAL	TRANSGENIC MODEL EVALUATION (CYCLOPHOSPH (PRIMARY CAS NUMBER IS 6055-19-2)	21	6
@TGMODELEVAL	TRANSGENIC MODEL EVALUATION (CYCLOPHOSPH (PRIMARY CAS NUMBER IS 6055-19-2)	21	6
@TGMODELEVAL	TRANSGENIC MODEL EVALUATION (DES) (PRIMARY CAS NUMBER IS 56-53-1)	21	6
@TGMODELEVAL	TRANSGENIC MODEL EVALUATION (DI(2-ETHYLH (PRIMARY CAS NUMBER IS 117-81-7)	21	6
@TGMODELEVAL	TRANSGENIC MODEL EVALUATION (DI(2-ETHYLH (PRIMARY CAS NUMBER IS 117-81-7)	21	6
@TGMODELEVAL	TRANSGENIC MODEL EVALUATION (MELPHALAN) (PRIMARY CAS NUMBER IS 148-82-3)	21	6
@TGMODELEVAL	TRANSGENIC MODEL EVALUATION (MELPHALAN) (PRIMARY CAS NUMBER IS 148-82-3)	21	6
@TGMODELEVAL	TRANSGENIC MODEL EVALUATION (METHYLPHENI (PRIMARY CAS NUMBER IS 298-59-9)	21	6
@TGMODELEVAL	TRANSGENIC MODEL EVALUATION (2,3,7,8-TET (PRIMARY CAS NUMBER IS 1746-01-6)	21	6
@TGMODELEVAL	TRANSGENIC MODEL EVALUATION (2,3,7,8-TET (PRIMARY CAS NUMBER IS 1746-01-6)	21	6
@TGMODELEVAL	TRANSGENIC MODEL EVALUATION (WY-14643) (PRIMARY CAS NUMBER IS 50892-23-4)	21	6
@TGMODELEVAL	TRANSGENIC MODEL EVALUATION (WY-14643) (PRIMARY CAS NUMBER IS 50892-23-4)	21	6
@TGMODELEVAL	TRANSGENIC MODEL EVALUATION (P-ANISIDINE (PRIMARY CAS NUMBER IS 20265-97-8)	23	12
@TGMODELEVAL	TRANSGENIC MODEL EVALUATION (CYCLOSPORIN (PRIMARY CAS NUMBER IS 59865-13-3)	23	12
@TGMODELEVAL	TRANSGENIC MODEL EVALUATION (CYCLOSPORIN (PRIMARY CAS NUMBER IS 59865-13-3)	23	12
@TGMODELEVAL	TRANSGENIC MODEL EVALUATION (DES) (PRIMARY CAS NUMBER IS 56-53-1)	23	12
@TGMODELEVAL	TRANSGENIC MODEL EVALUATION (DES) (PRIMARY CAS NUMBER IS 56-53-1)	23	12
@TGMODELEVAL	TRANSGENIC MODEL EVALUATION (2,4-DIAMINO (PRIMARY CAS NUMBER IS 95-80-7)	23	12
@TGMODELEVAL	TRANSGENIC MODEL EVALUATION (2,4-DIAMINO (PRIMARY CAS NUMBER IS 95-80-7)	23	12
@TGMODELEVAL	TRANSGENIC MODEL EVALUATION (2,6-DIAMINO (PRIMARY CAS NUMBER IS 15481-70-6)	24	12
@TGMODELEVAL	TRANSGENIC MODEL EVALUATION (2,6-DIAMINO (PRIMARY CAS NUMBER IS 15481-70-6)	24	12
@TGMODELEVAL	TRANSGENIC MODEL EVALUATION (8-HYDROXYQU (PRIMARY CAS NUMBER IS 148-24-3)	24	12
@TGMODELEVAL	TRANSGENIC MODEL EVALUATION (8-HYDROXYQU (PRIMARY CAS NUMBER IS 148-24-3)	24	12
@TGMODELEVAL	TRANSGENIC MODEL EVALUATION (MELPHALAN) (PRIMARY CAS NUMBER IS 148-82-3)	24	12
@TGMODELEVAL	TRANSGENIC MODEL EVALUATION (MELPHALAN) (PRIMARY CAS NUMBER IS 148-82-3)	24	12
@TGMODELEVAL	TRANSGENIC MODEL EVALUATION (N-METHYLOLA (PRIMARY CAS NUMBER IS 924-42-5)	24	12
@TGMODELEVAL	TRANSGENIC MODEL EVALUATION (N-METHYLOLA (PRIMARY CAS NUMBER IS 924-42-5)	24	12
@TGMODELEVAL	TRANSGENIC MODEL EVALUATION (RESORCINOL) (PRIMARY CAS NUMBER IS 108-46-3)	24	12
@TGMODELEVAL	TRANSGENIC MODEL EVALUATION (RESORCINOL) (PRIMARY CAS NUMBER IS 108-46-3)	24	12
@TGMODELEVAL	TRANSGENIC MODEL EVALUATION (ROTENONE) (PRIMARY CAS NUMBER IS 83-79-4)	24	12
@TGMODELEVAL	TRANSGENIC MODEL EVALUATION (ROTENONE) (PRIMARY CAS NUMBER IS 83-79-4)	24	12
@TGMODELEVAL	TRANSGENIC MODEL EVALUATION (2,3,7,8-TET (PRIMARY CAS NUMBER IS 1746-01-6)	24	12
@TGMODELEVAL	TRANSGENIC MODEL EVALUATION (2,3,7,8-TET (PRIMARY CAS NUMBER IS 1746-01-6)	24	12

@ Denotes multiple CAS numbers for study--see following line for primary CAS number.

* See Appendix, Prechronic Studies for Which Toxicity Technical Reports were not Prepared

Index of Chemicals by CAS Number with Reference Location:

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@TGMODELEVAL	TRANSGENIC MODEL EVALUATION (BROMODICHLO (PRIMARY CAS NUMBER IS 75-27-4)	38	*
@TGMODELEVAL	TRANSGENIC MODEL EVALUATION (BROMODICHLO (PRIMARY CAS NUMBER IS 75-27-4)	38	*
@TGMODELEVAL	TRANSGENIC MODEL EVALUATION (PHENOLPHTHA (PRIMARY CAS NUMBER IS 77-09-8)	38	*
THUJONEMIXAB	ALPHA/BETA THUJONE MIXTURE	19	2
@TMPSMXMIXNTP	AZT + TMP/SMX (MIXTURE) COMBINATION (PRIMARY CAS NUMBER IS AZTTMPSMX)	21	6
@TMPSMXMIXNTP	AZT + TMP/SMX (MIXTURE) COMBINATION (PRIMARY CAS NUMBER IS AZTTMPSMX)	36	*
@TOXEQFACEVAL	TOXIC EQUIVALENCY FACTOR EVALUATION (BIN (PRIMARY CAS NUMBER IS TEFBINARYMIX)	22	7
@TOXEQFACEVAL	TOXIC EQUIVALENCY FACTOR EVALUATION (PCB (PRIMARY CAS NUMBER IS 35065-27-1)	22	7
@TOXEQFACEVAL	TOXIC EQUIVALENCY FACTOR EVALUATION ((PC (PRIMARY CAS NUMBER IS 31508-00-6)	22	7
@TOXEQFACEVAL	TOXIC EQUIVALENCY FACTOR EVALUATION ((PE (PRIMARY CAS NUMBER IS 57117-31-4)	22	7
@TOXEQFACEVAL	TOXIC EQUIVALENCY FACTOR EVALUATION (DIO (PRIMARY CAS NUMBER IS TEFDIOXINMIX)	22	8
@TOXEQFACEVAL	TOXIC EQUIVALENCY FACTOR EVALUATION ((PC (PRIMARY CAS NUMBER IS 57465-28-8)	22	8
@TOXEQFACEVAL	TOXIC EQUIVALENCY FACTOR EVALUATION (TCD (PRIMARY CAS NUMBER IS 1746-01-6)	22	8
@TRANSGENELEP	TRANSGENIC LEP (P-ANISIDINE HYDROCHLORID (PRIMARY CAS NUMBER IS 20265-97-8)	38	*
@TRANSGENELEP	TRANSGENIC LEP (CYCLOSPORIN A) (PRIMARY CAS NUMBER IS 59865-13-3)	38	*
@TRANSGENELEP	TRANSGENIC LEP (MELPHALAN) (PRIMARY CAS NUMBER IS 148-82-3)	38	*
@TRANSGENELEP	TRANSGENIC LEP (P-CRESIDINE) (PRIMARY CAS NUMBER IS 120-71-8)	38	*
@TRANSGENELEP	TRANSGENIC LEP (RESORCINOL) (PRIMARY CAS NUMBER IS 108-46-3)	38	*
@TRANSGENELEP	TRANSGENIC LEP (VINYL CARBAMATE) (PRIMARY CAS NUMBER IS 15805-73-9)	38	*
@TRANSGENLECM	TRANSGENIC LECM (1-CHLORO-2-PROPANOL, TE (PRIMARY CAS NUMBER IS 127-00-4)	38	*
@TRANSGENLECM	TRANSGENIC LECM (1-CHLORO-2-PROPANOL, TE (PRIMARY CAS NUMBER IS 127-00-4)	38	*
@TRANSGENLECM	TRANSGENIC LECM (COCONUT OIL ACID DIETHA (PRIMARY CAS NUMBER IS 68603-42-9)	38	*
@TRANSGENLECM	TRANSGENIC LECM (COCONUT OIL ACID DIETHA (PRIMARY CAS NUMBER IS 68603-42-9)	38	*
@TRANSGENLECM	TRANSGENIC LECM (FURFURYL ALCOHOL) (PRIMARY CAS NUMBER IS 98-00-0)	38	*
@TRANSGENLECM	TRANSGENIC LECM (LAURIC ACID DIETHANOLAM (PRIMARY CAS NUMBER IS 120-40-1)	38	*
@TRANSGENLECM	TRANSGENIC LECM (LAURIC ACID DIETHANOLAM (PRIMARY CAS NUMBER IS 120-40-1)	38	*
@TRANSGENLECM	TRANSGENIC LECM (OLEIC ACID DIETHANOLAMI (PRIMARY CAS NUMBER IS 93-83-4)	38	*
@TRANSGENLECM	TRANSGENIC LECM (OLEIC ACID DIETHANOLAMI (PRIMARY CAS NUMBER IS 93-83-4)	38	*
@TRANSGENLECM	TRANSGENIC LECM (PENTACHLOROPHENOL) (PRIMARY CAS NUMBER IS 87-86-5)	38	*
@TRANSGENLECM	TRANSGENIC LECM (PENTACHLOROPHENOL) (PRIMARY CAS NUMBER IS 87-86-5)	38	*
@TRANSGENLECM	TRANSGENIC LECM (PYRIDINE) (PRIMARY CAS NUMBER IS 110-86-1)	38	*
@TRANSGENLECM	TRANSGENIC LECM (PYRIDINE) (PRIMARY CAS NUMBER IS 110-86-1)	38	*
@TRANSGENLECM	TRANSGENIC LECM (TETRADECANOYL PHORBOL A (PRIMARY CAS NUMBER IS 16561-29-8)	38	*
@TRANSGENLECM	TRANSGENIC LECM (DIETHANOLAMINE) (PRIMARY CAS NUMBER IS 111-42-2)	38	*
URETHCOMB	URETHANE + ETHANOL (COMBINATION)	22	8
URETHCOMB	URETHANE + ETHANOL (COMBINATION)	26	16