

AN 8376
deleted

April 28, 1992

Ray Gomez

SUBJECT: RESPONSE TO 4/7/92 MEMO REQUESTING DATA ON PROPOSED
OHIO PROP 65 INITIATIVE

A search of our HYTOX database on the proposed list of 458 chemicals indicates 44 chemicals (indicated by an X on attached list) are used by the Geon Vinyl Division in the State of Ohio.

However, the HYTOX database is neither current, nor fully populated. You may need to verify the current status of the identified chemical with the specific facility (Avon Lake Tech Center and/or Avon Lake General Chemical).

Please let me know if you need additional information (Ext. 7831).

Connie N. Dillon
Connie N. Dillon

0428-1/jp

Attachment

cc: R. Hinderer
M. Marshall
J. W. Lewis

21548001

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(B) WITHIN ONE YEAR AFTER THE EFFECTIVE DATE OF THIS SECTION, THE DIRECTOR SHALL ADOPT AND MAY AMEND AND RESCIND RULES ESTABLISHING PROCEDURES FOR APPLYING FOR GRANTS TO BE PROVIDED UNDER THIS SECTION, CRITERIA FOR DETERMINING ELIGIBILITY FOR THOSE GRANTS, AND SUCH OTHER REQUIREMENTS AS THE DIRECTOR CONSIDERS NECESSARY OR APPROPRIATE FOR IMPLEMENTING AND ADMINISTERING THIS SECTION.

Sec. 3752.19. (A) FOR THE PURPOSE OF PROVIDING FUNDING FOR THE IMPLEMENTATION, ADMINISTRATION AND ENFORCEMENT OF CHAPTER 3752 OF THE REVISED CODE AND FUNDING GRANTS UNDER SECTION 3752.18 OF THE REVISED CODE, EACH OWNER OR OPERATOR OF A FACILITY REQUIRED TO FILE ONE OR MORE TOXIC CHEMICAL RELEASE FORMS UNDER SECTION 3751.03 OF THE REVISED CODE SHALL PAY A FEE OF ONE CENT PER POUND OF TOXIC CHEMICALS SHOWN ON ANY SUCH FORM TO HAVE BEEN RELEASED OR TRANSFERRED TO AN OFF-SITE LOCATION IN THE CALENDAR YEAR TO WHICH THE FORM APPLIES. EACH OWNER OR OPERATOR SHALL REMIT THE AMOUNT OF THE FEE DUE UNDER THIS DIVISION TO THE DIRECTOR OF ENVIRONMENTAL PROTECTION WITH THE TOXIC CHEMICAL RELEASE FORMS SO FILED.

(B) IF PAYMENT OF A FEE UNDER DIVISION (A) OF THIS SECTION IS LATE, THE OWNER OR OPERATOR SHALL PAY AN ADDITIONAL TEN PERCENT OF THE AMOUNT OF THE FEE DUE FOR EACH MONTH THAT THE PAYMENT IS LATE.

(C) IF THE DIRECTOR DETERMINES THAT THE FEES LEVIED BY THIS SECTION WILL SUBSTANTIALLY EXCEED \$3,000,000 ANNUALLY, HE OR SHE SHALL ADOPT AND MAY AMEND AND RESCIND RULES REDUCING THE AMOUNT OF THE FEE TO BE PAID UNDER DIVISION (A), SUCH THAT THE FEES LEVIED BY THIS SECTION SHALL EQUAL \$3,000,000.

Sec. 3752.20. IF ANY PROVISION OF THIS CHAPTER OF THE APPLICATION THEREOF IS HELD INVALID, THAT INVALIDITY SHALL NOT AFFECT OTHER PROVISIONS OR APPLICATIONS OF THE CHAPTER WHICH CAN BE GIVEN EFFECT WITHOUT THE INVALID PROVISION OR APPLICATION AND TO THIS END THE PROVISIONS OF THIS CHAPTER ARE SEVERABLE.

Sec. 3752.21. (A) BEGINNING ON THE EFFECTIVE DATE OF THIS SECTION, THE INITIAL LIST OF TOXIC CHEMICAL SUBSTANCES KNOWN TO CAUSE CANCER OR REPRODUCTIVE TOXICITY SHALL INCLUDE THE FOLLOWING:

(1) TOXIC CHEMICAL SUBSTANCES KNOWN TO CAUSE CANCER

SUBSTANCES	CAS NUMBER
A-ALPHA-C (2-AMINO-9H-PYRIDO (2,3-8) INDOLE	26148685
XACETALDEHYDE .1119	75070
ACETAMIDE	60355

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ACETOCHLOR	34256821
2-ACETYLAMINOFLUORENE	53963
ACIFLUORFEN	62476599
XACRYLAMIDE 308, 346, 356, 1607, 2209, 4320, 4597	79061
XACRYLONITRILE 151, 177, 281, 352, 359, 493, 497, 498, 913, 815, 846, 1548, 1621, 4309	107131
ACTINOMYCIN D	50760
ADRIAMYCIN (DOXORUBICIN HYDROCHLORIDE)	23214928
AF-2: [2-(2-FURYL)-3-(5-NITRO-2-FURYL)]	
ACRYLAMIDE	3688537
AFLATOXINS	
ALACHLOR	15972608
ALCOHOLIC BEVERAGES, WHEN ASSOCIATED WITH	
ALCOHOL ABUSE	
ALDRIN	309002
XALLYLCHLORIDE 823	107051
2-AMINOANTHRAQUINONE	117793
P-AMINOAZOBENZENE	60093
ORTHO-AMINOAZOTOLUENE	97563
4-AMINOBIIPHENYL (4-AMINODIPHENYL)	92671
3-AMINO-9-ETHYLCARBAZOLE HYDROCHLORIDE	6109973
1-AMINO-2-METHYLANTHRAQUINONE	82280
2-AMINO-5-(5-NITRO-2-FURYL)-1,3,4-THIADIAZOLE	712685
AMITROLE	61825
ANALGESIC MIXTURES CONTAINING PHENACETIN	
XANILINE 1119	62533
ORTHO-ANISIDINE	90040
ORTHO-ANISIDINE HYDROCHLORIDE	134292
XANTIMONY OXIDE (ANTIMONY TRIOXIDE) 36, 45, 576, 1270, 1271, 1272	1309644
ARAMITE	140578
XARSENIC (INORGANIC ARSENIC COMPOUNDS) 576	
ASBESTOS	1332214
AURAMINE	492808
AZASERINE	115026
AZATHIOPRINE	446866
AZOBENZENE	103333
BENZ (A) ANTHRACENE	58553
XBENZENE 220, 267, 431, 459, 862, 868, 1121	71432
BENZIDINE (AND ITS SALTS)	92875
BENZO (B) FLUORANTHENE	205992
BENZO (J) FLUORANTHENE	205823
BENZO (K) FLUORANTHENE	207089
BENZOFURAN	271896
BENZO (A) PYRENE	50328
BENZOTRICHLORIDE	98077
BENZYL CHLORIDE	100447
BENZYL VIOLET 48	1694093
XBERYLLIUM AND BERYLLIUM COMPOUNDS 1957, 2180	
BETEL QUID WITH TOBACCO	
BIS (2-CHLOROETHYL) ETHER	111444

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N.N-BIS(2-CHOROETHYL)-2NAPHTHYLAMINE (CHLORNAPAZINE)	494031
BISCHLOROETHYL NITROSOUREA (BCNU) (CARMUSTINE)	154938
BIS (CHLOROMETHYL) ETHER	542881
BITUMENS, EXTRACTS OF STEAM-REFINED AND AIR REFINED	
BRACKENFERN	
BROMODICHLOROMETHANE	75274
X 1,3-BUTADIENE 151,281,329,331,339,352,359,683,710,813,815,1548,1621,4309	106990
1,4-BUTANEDIOL DIMETHANESULFONATE (BUSULFAN)	55981
BUTYLATED HYDROXYANISOLE	25013165
BETA-BUTYROLACTONE	3068880
X CADMIUM AND CADMIUM COMPOUNDS 442,443,450,452,863,905,1029,1155,1371,2180,3065	
CAPTAFOI	2425061
CAPTAN	133062
X CARBON TETRACHLORIDE 256	56235
X CARBON-BLACK EXTRACTS 435,444,944,1150,1151,1245,1265,1279,1773,1949,2140,2162	
CERAMIC FIBERS (AIRBORNE PARTICLES OF RESPIRABLE SIZE)	
CERTAIN COMBINED CHEMOTHERAPY FOR LYMPHOMAS	
CHLORAMBUCIL	305033
CHORAMPHENICOL	56757
CHLORDANE	57749
CHLORDECONE (KEPONE)	143500
CHLORDIMEFORM	6164963
CHLORENDIC ACID	115286
CHLORINATED PARAFFINS (AVERAGE CHAIN LENGTH, C12; APPROXIMATELY 60% CHLORINE BY WEIGHT)	106171262
CHLORODIBROMOMETHANE	124481
CHLOROETHANE	75003
1-(2-CHLOROETHYL)-3-CYCLOHEXYL-1-NITROSOUREA (CCNU) (LOMUSTINE)	13010474
1-(2-CHLOROETHYL)-3-(4-METHYLCYCLOHEXYL)-1- NITROSOUREA (METHYL-CCNU)	13909096
X CHLOROFORM 256,1200	67683 67-66-3
CHLOROMETHYL METHYL ETHER (TECHNICAL GRADE)	107302
3-CHLORO-2-METHYLPROPENE	563473
4-CHLORO-ORTHO-PHENYLENEDIAMINE	95830
P-CHLORO-O-TOLUIDINE	95692
CHLOROTHALONIL	1897456
X CHROMIUM (HEXAVALENT COMPOUNDS) 445,578,919,1833,1838,1839,1841,1842,1845,1957	
CHRYSENE	218019
C.I. BASIC RED 9 MONOHYDROCHLORIDE	569619
CINNAMYL ANTHRANILATE	87296
CISPLATIN	15663271
CITRUS RED NO. 2	6358538
COKE OVEN EMISSIONS	
CONJUGATED ESTROGENS	

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CREOSOTES	
PARA-CRESIDINE	120718
CUPFERRON	135206
CYCASIN	14901087
CYCLOPHOSPHAMIDE (ANHYDROUS)	50180
CYCLOPHOSPHAMIDE (HYDRATED)	6055192
D&C ORANGE NO. 17	3468631
D&C RED NO. 8	2092560
D&C RED NO. 9	5160021
D&C RED NO. 19	81889
DACARBAZINE	4342034
DAMINOZIDE	1596845
DAUNOMYCIN	20830813
DDD (DICHLORODIPHENYLDICHLOROETHANE)	72548
DDE (DICHLORODIPHENYLDICHLOROETHYLENE)	72559
DDT (DICHLORODIPHENYLTRICHLOROETHANE)	50293
DDVP (DICHLORVOS)	62737
NN-DIACETYL BENZIDINE	613354
2.4-DIAMINOANISOLE	615054
2.4-DIAMINOANISOLE SULFATE	39156417
4.4'-DIAMINODIPHENYL ETHER (4.4-OXYDIANILINE)	101804
2.4-DIAMINOTOLUENE	95807
DIAMINOTOLUENE (MIXED)	
DIBENZ (A,H) ACRIDINE	226368
DIBENZ (A,J) ACRIDINE	224420
DIBENZ (A,H) ANTHRACENE	53703
7H-DIBENZO (C,G) CARBAZOLE	194592
DIBENZO (A,E) PYRENE	192654
DIBENZO (A,H) PYRENE	189640
DIBENZO (A,I) PYRENE	189559
DIBENZO (A,L) PYRENE	191300
1.2-DIBROMO-3-CHLOROPROPANE (DBCP)	96128
P-DICHLOROBENZENE	106467
X 3.3'-DICHLOROBENZIDINE 573	91941
1.4-DICHLORO-2-BUTENE	764410
3.3'-DICHLORO-4.4-DIAMINODIPHENYL ETHER	28434868
1.1-DICHLOROETHANE	75343
X DICHLOROMETHANE (METHYLENE CHLORIDE) 63, 1927, 1967, 2475	75092
1.2-DICHLOROPROPANE	78875
1.3-DICHLOROPROPENE	542756
DIELDRIN	60571
DIENESTROL	84173
DIEPOXYBUTANE	1464535
DIESEL ENGINE EXHAUST	
X DI (2-ETHYLHEXYL) PHTHALATE 51, 512, 2105	117817
1.2-DIETHYLHYDRAZINE	1615801
DIETHYL SULFATE	64675
DIETHYLSTILBESTROL (DES)	56531
DIGLYCIDYL RESORCINOL ETHER (DGRE)	101906

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DIHYDROSAFROLE	94586
3.3'-DIMETHOXYBENZIDINE (ORTHO-DIANISIDINE)	119904
3.3'-DIMETHOXYBENZIDINE DIHYDROCHLORIDE (ORTHO-DIANISIDINE DIHYDROCHLORIDE)	20325400
DIMETHYL SULFATE	77781
4-DIMETHYLAMINOAZOBENZENE	60117
TRANS-2-(DIMETHYLAMINO)METHYLIMINO)-5-2- (5-NITRO-2-FURYL) VINYL)-1.3.4-OXADIAZOLE	55738540
7.12-DIMETHYLBENZ(A)ANTHRACENE	57976
3.3'-DIMETHYLBENZIDINE (ORTHO-TOLIDINE)	119937
DIMETHYLCARBAMOYL CHLORIDE	79447
1.1-DIMETHYLHYDRAZINE	57147
1.2-DIMETHYLHYDRAZINE	540738
DIMETHYLVINYLCHLORIDE	513371
1.6-DINITROPYRENE	42397648
1.8-DINITROPYRENE	42397659
2.4-DINITROTLUENE	121142
X 1.4-DIOXANE 170, 1119, 1282, 1566, 1673, 2438, 4133, 4477	123911
DIPHENYLHYDANTOIN (PHENYTOIN)	57410
DIPHENYLHYDANTOIN (PHENYTOIN), SODIUM SALT	630933
DIRECT BLACK 38 (TECHNICAL GRADE)	1937377
DIRECT BLUE 6 (TECHNICAL GRADE)	2602462
DIRECT BROWN 95 (TECHNICAL GRADE)	16071866
DISPERSE BLUE 1	2475458
X EPICHLORODHYDRIN 317, 897, 1322	1068918 106898
ERIONITE	12510428
ESTRADIOL 17BETA	50282
ESTRONE	53167
ETHINYLESTRADIOL	57636
X ETHYL ACRYLATE 157, 784, 795	140885
ETHYL METHANESULFONATE	62500
ETHYL-4.4-DICHLOROBENZILATE	510156
ETHYLENE DIBROMIDE	106934
X ETHYLENE DICHLORIDE (1.2-DICHLOROETHANE) 754	107062
X ETHYLENE OXIDE 23, 170, 481, 535, 565, 1055, 1119, 1146, 1301, 1419, 1421, 1934, 4133, 4477	75218
ETHYLENE THIOUREA	96457
ETHYLENEIMINE	151564
FOLPET	1330073
X FORMALDEHYDE (GAS) 308, 379, 908, 939, 8298, 2991, 4133, 4284, 4610	50000
2-(2-FORMYLHDRAZIN)-4-(5-NITRO-2-FURYL) THIAZOLE	3570750
FURAZOLIDONE	67458
FURMECYCLOX	60568050
X GASOLINE ENGINE EXHAUST (CONDENSATES/ EXTRACTS) 365/1093	
GLASSWOOL FIBERS (AIRBORNE PARTICLES OF RESPIRABLE SIZE)	

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GLU-P-1 (2-AMINO-6-METHYLDIPYRIDO 1.2-A:3',2'-DJIMIDAZOLE)	67730114
GLU-P-2 (2-AMINODIPYRIDO (1.2-A:3',2'-DJIMIDAZOLE)	67730103
GLYCIDALDEHYDE	765344
X GLYCIDOL 4498	556525
GRISEOFULVIN	126078
GYROMITRIN (ACETALDEHYDE METHYLFORMYLHYDRAZONE)	16568028
HC BLUE 1	2784943
HEPTACHLOR	76448
HEPTACHLOR EPOXIDE	1024573
HEXACHLORO BENZENE	118741
HEXACHLOROCYCLOHEXANE (TECHNICAL GRADE)	
HEXACHLORODIBENZODIOXIN	34465468
HEXACHLOROETHANE	67721
HEXAMETHYLPHOSPHORAMIDE	680319
X HYDRAZINE 1046, 1717	302012
HYDRAZINE SULFATE	10034932
HYDRAZOBENZENE (1.2-DIPHENYLHYDRAZINE)	122667
INDENO (1.2.3-CD) PYRENE	193395
IQ (2-AMINO-3-METHYLIMIDAZO (4,5-F) QUINOLINE)	76180966
IRON DEXTRAN COMPLEX	9004664
ISOSAFROLE	120581
LACTOFEN	77501634
LASIOCARPINE	303344
LEAD ACETATE	301042
LEAD PHOSPHATE	7446277
LEAD SUBACETATE	1335326
LINDANE AND OTHER HEXACHLOROCYCLOHEXANE ISOMERS	
MANCOZEB	8018017
MANEB	12427382
ME-A-ALPHA-C (2-AMINO-3-METHYL-9H-PYRIDO (2,3-8) (INDOLE)	68006837
MEDROXYPROGESTERONE ACETATE	71589
MELPHALAN	148823
MERPHALAN	531760
MESTRANOL	72333
8-METHOXYPsorALEN WITH ULTRAVIOLET A THERAPY	298817
5-METHOXYPsorALEN WITH ULTRAVIOLET A THERAPY	484208
2-METHYLazIRIDINE (PROPYLENEIMINE)	75558
METHYLazOXYMETHANOL	590965
METHYLazOXYMETHANOL ACETATE	592621
3-METHYLCHOLANTHRENE	56495
5-METHYLCHRYSENE	3697243
4.4'-METHYLENE BIS (2-CHLOROANILINE)	101144
4.4'-METHYLENE BIS (N.N-DIMETHYL) BENZENAMINE	101611

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4.4'-METHYLENE BIS (2-METHYLANILINE)	838880
4.4'-METHYLENEDIANILINE	101779
4.4'-METHYLENEDIANILINE DIHYDROCHLORIDE	13552448
METHYL IODIDE	74884
METHYL METHANESULFONATE	66273
2-METHYL-1-NITROANTHRAQUINONE (OF UNCERTAIN PURITY)	129157
N-METHYL-N'-NITRO-N-NITROSOGUANIDINE	70257
XN-METHYLOLACRYLAMIDE <i>308</i>	924425
METHYLTHIOURACIL	56042
METIRAM	9006422
METRONIDAZOLE	443481
MICHLER'S KETONE	90948
MIREX	2385855
MITOMYCIN C	50077
MONOCROTALINE	315220
5-(MORPHOLINOMETHYL)-3-[(5-NITRO-FURFURYLIDENE)-AMINO]-2-OXALOLIDINONE	139913
MUSTARD GAS	505602
NAFENOPIN	3771195
1-NAPHTHYLAMINE	134327
2-NAPHTHYLAMINE	91598
XNICKEL AND CERTAIN NICKEL COMPOUNDS <i>1838, 474, 1833, 1839, 1841, 1842, 1845, 1846, 1849, 1957, 2180, 4593, 2173</i>	13463393
NICKEL CARBONYL	
NICKEL REFINERY DUST FROM THE PYROMETALLURGICAL PROCESS	
NICKEL SUBSULFIDE	12035722
NIRIDAZOLE	61574
XNITRILOTRIACETIC ACID <i>219</i>	139139
NITRILOTRIACETIC ACID, TRISODIUM SALT MONOHYDRATE	18662538
5-NITROACENAPHTHENE	602879
5-NITRO-O-ANISIDINE	99592
4-NITROBIPHENYL	92933
6-NITROCHRYSENE	7496028
NITROFEN (TECHNICAL GRADE)	1836755
2-NITROFLUORENE	607578
NITROFURAZONE	59870
1-[(5-NITROFURFURYLIDENE)-AMINO]-2-IMIDAZOLIDINONE	555840
N-[4-(5-NITRO-2-FURYL)-2-THIAZOLYL]ACETAMIDE	531828
NITROGEN MUSTARD (MECHLORETHAMINE)	51752
NITROGEN MUSTARD HYDROCHLORIDE (MECHLORETHAMINE HYDROCHLORIDE)	55867
NITROGEN MUSTARD N-OXIDE	126852
NITROGEN MUSTARD N-OXIDE HYDROCHLORIDE	302705
2-NITROPROPANE	79469
1-NITROPYRENE	5522430

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4-NITROPYRENE	57835924
N-NITROSODI-N-BUTYLAMINE	924163
N-NITROSODIETHANOLAMINE	1116547
N-NITROSODIETHYLAMINE	55185
N-NITROSODIMETHYLAMINE	62759
P-NITROSODIPHENYLAMINE	156105
N-NITROSODIPHENYLAMINE	86306
N-NITROSODI-N-PROPYLAMINE	621647
N-NITROSO-N-ETHYLUREA	759739
3-(N-NITROSOMETHYLAMINO) PROPIONITRILE	60153493
4-(N-NITROSOMETHYLAMINO)-1-(3-PYRIDYL)1-BUTANONE	64091914
N-NITROSOMETHYLETHYLAMINE	10595956
N-NITROSO-N-METHYLUREA	684935
N-NITROSO-N-METHYLURETHANE	615532
N-NITROSOMETHYLVINYLAMINE	4549400
N-NITROSOMORPHOLINE	59892
N-NITROSONORINICOTINE	16543558
N-NITROSOPIPERIDINE	100754
N-NITROSOPYRROLIDINE	930552
N-NITROSOSARCOSINE	13256229
NORETHISTERONE (NORETHINDRONE)	68224
OCHRATOXIN A	303479
OIL ORANGE SS	2646175
ORAL CONTRACEPTIVES, COMBINED	
ORAL CONTRACEPTIVES, SEQUENTIAL	
OXYMETHOLONE	434071
PANFURAN S	
X PENTACHLOROPHENOL 1956	87865
PHENACETIN	62442
PHENAZOPYRIDINE	94780
PHENAZOPYRIDINE HYDROCHLORIDE	136403
PHENESTERIN	3546109
PHENOBARBITAL	50066
PHENOXYBENZAMINE	59961
PHENOXYBENZAMINE HYDROCHLORIDE	63923
PHENYL GLYCIDYL ETHER	1675543
O-PHENYLPHENATE, SODIUM	132274
POLYBROMINATED BIPHENYLS	
X POLYCHLORINATED BIPHENYLS 573, 1233	
POLYCHLORINATED BIPHENYLS (CONTAINING 60 OR MORE PERCENT CHLORINE BY MOLECULAR WEIGHT)	
POLYGEENAN	53973981
PONCEAU MX	3761533
PONCEAU 3R	3564098
POTASSIUM BROMATE	7758012
PROCARBAZINE	671169

PROCARBAZINE HYDROCHLORIDE	366701
PROGESTERONE	57830
1,3-PROPANE SULTONE	1120714
BETA-PROPIOLACTONE	57578
X PROPYLENE OXIDE 1297,	75569
PROPYLTHIOURACIL	51525
RADIONUCLIDES	
RESERPINE	50555
RESIDUAL (HEAVY) FUEL OILS	
SACCHARIN	81072
SACCHARIN, SODIUM	126449
SAFROLE	94597
SELENIUM SULFIDE	7446346
SHALE-OILS	68306349
SILICA, CRYSTALLINE (AIRBORNE PARTICLES OF RESPIRABLE SIZE)	
X SOOTS, TARS, AND CERTAIN MINERAL OILS 124, 1213, 1750, 2424, 3766, (MINERAL OILS MAY VARY IN COMPOSITION, PARTICULARLY IN RELATION TO THEIR CONTENT OF CARCINOGENIC POLYCYCLIC AROMATIC HYDROCARBONS)	
STERIGMATOCYSTIN	10048132
STREPTOZOTOCIN	18883664
STYRENE OXIDE	96093
SULFALLATE	95067
X TALC CONTAINING ASBESTIFORM FIBERS 496, 59, 256, 583, 655, 813, 1946, 1947, 1948, 1951, 2798, TESTOSTERONE AND ITS ESTERS 376, 459.4	58220
2, 3, 7, 8-TETRACHLORODIBENZO- PARA-DIOXIN (TCDD)	1746016
1, 1, 2, 2-TETRACHLOROETHANE	79345
X TETRACHLOROETHYLENE (PERCHLOROETHYLENE) 1363	127184
P-ALPHA, ALPHA, ALPHA, TETRACHLOROTOLUENE	5216251
TETRANITROMETHANE	509148
THIOACETAMIDE	62555
4, 4'-THIODIANILINE	139651
THIOUREA	62566
THORIUM DIOXIDE	1314201
TOBACCO, ORAL USE OF SMOKELESS PRODUCTS	
TOBACCO SMOKE	
TOLUENE DIISOCYANATE	26471625
ORTHO-TOLUIDINE	95534
ORTHO-TOLUIDINE HYDROCHLORIDE	636215
PARA-TOLUIDINE	106490
TOXAPHENE (POLYCHLORINATED CAMPHENES)	8001352
TREOSULFAN	299752
2, 4, 6-TRICHLOROPHENOL	88062
X TRICHLOROETHYLENE 182,	79016

TRIS (AZIRIDINYL) - PARA-BENZOQUINONE (TRIAZQUONE)	68768
TRIS (1-AZIRIDINYL) PHOSPHINE SULFIDE (THIOTEPA)	52244
TRIS (2, 3-DIBROMOPROPYL) PHOSPHATE	126727
TRP-P-1 (TRYPTOPHAN-P-1)	62450060
TRP-P-2 (TRYPTOPHAN-P-2)	62450071
TRYPAN BLUE (COMMERCIAL GRADE)	72571
UNLEADED GASOLINE (WHOLLY VAPORIZED)	
URACIL MUSTARD	66751
URETHANE (ETHYL CARBAMATE)	51796
VINYL BROMIDE	593602
X VINYL CHLORIDE 132, 526, 1548	75014
4-VINYL-1-CYCLOHEXENE DIEPOXIDE (VINYL CYCLOMEXENE DIOXIDE)	106876
VINYL TRICHLORIDE (1.1, 2-TRICHLOROETHANE)	79005
2.6-XYLIDENE	87627
ZINEB	12122677

(2) TOXIC CHEMICAL SUBSTANCES KNOWN TO CAUSE
REPRODUCTIVE TOXICITY

(A) DEVELOPMENTAL TOXICITY

SUBSTANCES	CAS NUMBER
ACETOHYDROXAMIC ACID	546883
ALL-TRANS RETINOIC ACID	302794
ALPRAZOLAM	28981977
AMIKACIN SULFATE	39831555
AMINOGLUTETHIMIDE	125848
AMINOPTERIN	54626
ASPIRIN (NOTE: IT IS ESPECIALLY IMPORTANT NOT TO USE ASPIRIN DURING THE LAST THREE MONTHS OF PREGNANCY, UNLESS SPECIFICALLY DIRECTED TO DO SO BY A PHYSICIAN BECAUSE IT MAY CAUSE PROBLEMS IN THE UNBORN CHILD OR COMPLICATIONS DURING DELIVERY)	50782
BENZPHETAMINE HYDROCHLORIDE	5411223
BISCHLOROETHYL NITROSOUREA (BCNU) (CARMUSTINE)	154938
BROMOXYNIL	1689845
1, 4-BUTANEDIOL DIMETHYLSULFONATE (BUSULFAN)	55981
X CARBON DISULFIDE 197	75150
CARBON MONOXIDE	630080
CARBOPLATIN	41575944
CHENODIOL	474259
CHLORCYCLIZINE HYDROCHLORIDE	1620219

CHLORAMBUCIL	305033
CHLORDECON (KEPONE)	143500
1 - (2-CHLOROETHYL) - 3 - CYCLOHEXYL - 1 - NITROSOUREA (CCNU) (LOMUSTINE)	13010474
CLOMIPHENE CITRATE	50419
COCAINE	50362
CONJUGATED ESTROGENS	
CYANAZINE	21725462
CYCLOHEXIMIDE	66819
CYCLOPHOSPHAMIDE (ANHYDROUS)	50180
CYCLOPHOSPHAMIDE (HYDRATED)	6055192
CYHEXATIN	13121705
CYTARABINE	147944
DANAZOL	17230885
DAUNORUBICIN HYDROCHLORIDE	23547506
DIETHYLSTILBESTROL (DES)	56531
DINOCAP	39300453
DINOSEB	88857
DIPHENYLHYDANTOIN (PHENYTOIN)	57410
DOXYCYCLINE	564250
ERGOTAMINE TARTRATE	379793
ETHYL ALCOHOL IN ALCOHOLIC BEVERAGES	
X ETHYLENE GLYCOL MONOETHYLETER 712	110805
ETHYLENE GLYCOL MONOMETHYLETER	109864
ETOPOSIDE	33419420
ETRETINATE	54350480
FLUOROURACIL	51218
FLUOXIMESTERONE	76437
FLUTAMIDE	13311847
HALAZEPAM	23092173
HEXACHLOROBENZENE	118741
IFOSFAMIDE	3778732
IODINE - 131	24267569
ISOTRETINOIN	4759482
X LEAD 1838, 1839, 1842, 1957, 2180,	
LITHIUM CARBONATE	554132
LITHIUM CITRATE	919164
LORAZEPAM	846491
MEDROXYPROGESTERONE ACETATE	71589
MEGESTROL ACETATE	595335
MELPHALAN	148823
MENOTROPINS	9002680
MERCAPTOPYRINE	6112761
X MERCURY AND MERCURY COMPOUNDS 482	
METHACYCLINE HYDROCHLORIDE	3963959

METHIMAZOLE	60560
METHOTREXATE	59052
METHOTREXATE SODIUM	15475566
METHYL MERCURY	
METHYLTESTOSTERONE	58184
MIDAZOLAM HYDROCHLORIDE	59467968
MISOPROSTOL	62015398
MITROXANTRONE HYDROCHLORIDE	70476823
NEFARELIN ACETATE	86220420
NETILMICIN SULFATE	56391572
NICOTINE	54115
NITROGEN MUSTARD (MECHLORETHAMINE)	51752
NITROGEN MUSTARD HYDROCHLORIDE (MECHLORETHAMINE HYDROCHLORIDE)	55867
NORETHISTERONE (NORETHINDRONE)	68224
NORETHISTERONE (NORETHINDRONE) ETHINYL ESTRADIOL	68224157636
NORETHISTERONE (NORETHINDRONE) MESTRANOL	68224172333
NORGESTREL	6533002
OXYTETRACYCLINE	79572
PARAMETHADIONE	115673
PENICILLAMINE	52675
PENTOBARBITAL SODIUM	57330
PHENACEMIDE	63989
PIPOBROMAN	54911
PLICAMYCIN	18378897
X POLYCHLORINATED BIPHENYLS <i>see page 18</i>	
PROCARBAZINE HYDROCHLORIDE	366701
PROPYLTHIOURACIL	51525
RETINOL/RETINYL ESTERS, WHEN IN DAILY DOSAGES IN EXCESS OF 10,000 IU, OR 3,000 RETINOL EQUIVALENTS. (NOTE: RETINOL/RETINYL ESTERS ARE REQUIRED AND ESSENTIAL FOR MAINTENANCE OF NORMAL REPRODUCTIVE FUNCTION. THE RECOMMENDED DAILY LEVEL DURING PREGNANCY IS 8,000 IU.)	
RIBAVIRIN	36791045
STREPTOMYCIN SULFATE	3810740
TAMOXIFEN CITRATE	54965241
TEMAZEPAM	846504
TESTOSTERONE ENANTHATE	315377
TETRACYCLINE HYDROCHLORIDE	64755
THALIDOMIDE	50351
THIOGUANINE	154427
TOBACCO SMOKE (PRIMARY)	
TOBRAMYCIN SULFATE	49842071
X TOLUENE 172, 267, 1813, 1929, 1930, 1938, 1944, 1947, 1948, 2152, 2209,	108883

GROW 87241 GRAY 2411

Product

Chemical Description

✓ 110 X 377

Polyvinyl Chloride

✓ Blendex 338

Acrylic Impact Modifier

✓ 230 L X 36

Acrylic Process Aid

Ultinaplex H

Calcium Carbonate

Mark 1900

Tin Mercaptide

Tioxide R-FC6

Titanium Dioxide

Blue 5006

Pigment

Black, APC Chan

Pigment

85435 Yellow

Pigment

Mineral Oil

Alkanes

Ca Stearate-FHS

Calcium Stearate

Stearic Acid

Stearic Acid

Arilowax 165

Paraffin Wax

UB
YE

21538013

BFG15044

TRIAZOLAM	28911015
TRILOSTANE	13647353
TRIMETHADIONE	127480
UROFOLLITROPIN	26995915
VALPROATE	99661
VINBLASTINE SULFATE	143679
VINCRISTINE SULFATE	2068782
WARFARIN	81812

(B) FEMALE REPRODUCTIVE TOXICITY

SUBSTANCES	CAS NUMBER
AMINOPTERIN	54626
ANABOLIC STEROIDS	
ASPIRIN (NOTE: IT IS ESPECIALLY IMPORTANT NOT TO USE ASPIRIN DURING THE LAST THREE MONTHS OF PREGNANCY, UNLESS SPECIFICALLY DIRECTED TO DO SO BY A PHYSICIAN BECAUSE IT MAY CAUSE PROBLEMS IN THE UNBORN CHILD OR COMPLICATIONS DURING DELIVERY.)	50782
X CARBON DISULFIDE 197	75150
COCAINE	50362
CYCLOPHOSPHAMIDE (ANHYDROUS)	50180
CYCLOPHOSPHAMIDE (HYDRATED)	8055192
X ETHYLENE OXIDE 23, 170, 481, 535, 565, 1055, 1119, 1146, 1301, 1419, 1621, 1934, 4133, 4477	75218
LEAD 1838, 1839, 1842, 1957, 2180	
TOBACCO SMOKE (PRIMARY)	

(C) MALE REPRODUCTIVE TOXICITY

SUBSTANCES	CAS NUMBER
ANABOLIC STERIODS	
X CARBON DISULFIDE 197	75150
CYCLOPHOSPHAMIDE (ANHYDROUS)	50180
CYCLOPHOSPHAMIDE (HYDRATED)	6055192
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	96128
DINITROBENZENE	25154545
DINOSEB	88857

X	ETHYLENE GLYCOL MONOETHYL ETHER	7/2	110805
	ETHYLENE GLYCOL MONOMETHYL ETHER		109664
X	LEAD	. . . refer to page 23	
	TOBACCO SMOKE (PRIMARY)		

(B) WITHIN ONE YEAR OF THE EFFECTIVE DATE OF THIS SECTION, AND AT LEAST ONCE PER YEAR THEREAFTER, THE DIRECTOR OF ENVIRONMENTAL PROTECTION, IN ACCORDANCE WITH CHAPTER 119 OF THE REVISED CODE, SHALL ADOPT AND MAY AMEND AND RESCIND RULES IDENTIFYING OR LISTING AS TOXIC CHEMICAL SUBSTANCES THOSE SUBSTANCES THAT ARE KNOWN TO CAUSE CANCER OR REPRODUCTIVE TOXICITY. A SUBSTANCE IS KNOWN TO CAUSE CANCER OR REPRODUCTIVE TOXICITY WITHIN THE MEANING OF THIS CHAPTER IF:

(1) IN THE OPINION OF THE DIRECTOR, IT HAS BEEN SHOWN THROUGH SCIENTIFICALLY VALID TESTING ACCORDING TO GENERALLY ACCEPTED PRINCIPLES TO CAUSE OR BE A PROBABLE CAUSE OF CANCER OR REPRODUCTIVE TOXICITY IN HUMANS OR ANIMALS; OR

(2) IT HAS BEEN FORMALLY IDENTIFIED AS CAUSING OR BEING A PROBABLE CAUSE OF CANCER OR REPRODUCTIVE TOXICITY IN HUMANS OR ANIMALS BY THE INTERNATIONAL AGENCY FOR RESEARCH ON CANCER, THE NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH, THE NATIONAL TOXICOLOGY PROGRAM, THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY, OR THE UNITED STATES FOOD AND DRUG ADMINISTRATION, UNLESS THE DIRECTOR DETERMINES THAT THE IDENTIFICATION OF ANY SUBSTANCE BY SUCH AGENCIES IS CLEARLY ERRONEOUS.

(C) THE RULES ADOPTED UNDER THIS SECTION SHALL SET FORTH FOR EACH TOXIC CHEMICAL SUBSTANCE WHETHER IT IS KNOWN TO CAUSE CANCER OR REPRODUCTIVE TOXICITY, OR BOTH.

(D) NOT LATER THAN TWO YEARS AFTER THE EFFECTIVE DATE OF THIS SECTION AND AT LEAST ANNUALLY THEREAFTER, THE DIRECTOR SHALL PUBLISH A LIST OF THE SUBSTANCES THAT, AT THE TIME OF PUBLICATION OF THE LIST, ARE REQUIRED BY FEDERAL LAW OR THE LAWS OF THIS STATE TO BE TESTED FOR THEIR POTENTIAL TO CAUSE CANCER OR REPRODUCTIVE TOXICITY BUT THAT THE DIRECTOR FINDS HAVE NOT BEEN ADEQUATELY TESTED IN ACCORDANCE WITH THE REQUIREMENTS WITH THOSE LAWS.

Sec. 3752.99. WHOEVER RECKLESSLY VIOLATES ANY SECTION OF THIS CHAPTER OR ANY RULE ADOPTED OR ORDER ISSUED UNDER IT IS GUILTY OF A FELONY AND SHALL BE FINED NOT LESS THAN \$10,000 NOR MORE THAN \$25,000 OR IMPRISONED NOT LESS THAN 2 OR MORE THAN 4 YEARS, OR BOTH. FOR VIOLATIONS OF SECTION 3752.03 OF THE REVISED CODE, EACH EXPOSURE CONSTITUTES A SEPARATE OFFENSE. FOR VIOLATIONS OF ALL OTHER SECTIONS OF THIS CHAPTER OF THE REVISED CODE, OR RULES ADOPTED OR ORDERS ISSUED THEREUNDER, EACH DAY OF VIOLATION IS A SEPARATE OFFENSE.

11/07/91