

TABLE 4.—POLLUTANTS EXCLUDED FROM USE IN CLEANING AND WASHOFF SOLVENTS

Chemical name	CAS No.
4-Aminobiphenyl	92671
Styrene oxide	96093
Diethyl sulfate	64675
N-Nitrosomorpholine	59892
Dimethyl formamide	68122
Hexamethylphosphoramide	680319
Acetamide	60355
4,4'-Methylenedianiline	101779
o-Anisidine	90040
2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746016
Beryllium salts	
Benzidine	92875
N-Nitroso-N-methylurea	684935
Bis(chloromethyl)ether	542881
Dimethyl carbamoyl chloride	79447
Chromium compounds (hexavalent)	
1,2-Propylenimine (2-Methyl aziridine)	75558
Arsenic and inorganic arsenic compounds	99999904
Hydrazine	302012
1,1-Dimethyl hydrazine	57147
Beryllium compounds	7440417
1,2-Dibromo-3-chloropropane	96128
N-Nitrosodimethylamine	62759
Cadmium compounds	
Benzo (a) pyrene	50328
Polychlorinated biphenyls (Aroclors)	1336363
Heptachlor	76448
3,3'-Dimethyl benzidine	119937
Nickel subsulfide	12035722
Acrylamide	79061
Hexachlorobenzene	118741
Chlordane	57749
1,3-Propane sultone	1120714
1,3-Butadiene	106990
Nickel refinery dust	
2-Acetylaminoflourine	53963
3,3'-Dichlorobenzidine	53963
Lindane (hexachlorcyclohexane, gamma)	58899
2,4-Toluene diamine	95807
Dichloroethyl ether (Bis(2-chloroethyl)ether)	111444
1,2-Diphenylhydrazine	122667
Toxaphene (chlorinated camphene)	8001352
2,4-Dinitrotoluene	121142
3,3'-Dimethoxybenzidine	119904
Formaldehyde	50000
4,4'-Methylene bis(2-chloroaniline)	101144
Acrylonitrile	107131
Ethylene dibromide(1,2-Dibromoethane)	106934
DDE (1,1-p-chlorophenyl 1-2 dichloroethylene)	72559
Chlorobenzilate	510156
Dichlorvos	62737
Vinyl chloride	75014
Coke Oven Emissions	99999908
Ethylene oxide	75218
Ethylene thiourea	96457
Vinyl bromide (bromoethene)	593602
Selenium sulfide (mono and di)	7488564
Chloroform	67663
Pentachlorophenol	87865
Ethyl carbamate (Urethane)	51796

TABLE 4.—POLLUTANTS EXCLUDED FROM USE IN CLEANING AND WASHOFF SOLVENTS—Continued

Chemical name	CAS No.
Ethylene dichloride (1,2-Dichloroethane)	107062
Propylene dichloride (1,2-Dichloropropane)	78875
Carbon tetrachloride	56235
Benzene	71432
Methyl hydrazine	60344
Ethyl acrylate	140885
Propylene oxide	75569
Aniline	62533
1,4-Dichlorobenzene(p)	106467
2,4,6-Trichlorophenol	88062
Bis(2-ethylhexyl)phthalate (DEHP)	117817
o-Toluidine	95534
Propoxur	114261
Trichloroethylene	79016
1,4-Dioxane (1,4-Diethyleneoxide)	123911
Acetaldehyde	75070
Bromoform	75252
Captan	133062
Epichlorohydrin	106898
Methylene chloride (Dichloromethane)	75092
Tetrachloroethylene (Perchloroethylene)	127184
Dibenz (ah) anthracene	53703
Chrysene	218019
Dimethyl aminoazobenzene	60117
Benzo (a) anthracene	56553
Benzo (b) fluoranthene	205992
Antimony trioxide	1309644
2-Nitropropane	79469
1,3-Dichloropropene	542756
7, 12-Dimethylbenz(a)anthracene	57976
Benz(c)acridine	225514
Indeno(1,2,3-cd)pyrene	193395
1,2,7,8-Dibenzopyrene	189559

TABLE 5.—LIST OF VHAP OF POTENTIAL CONCERN IDENTIFIED BY INDUSTRY

Chemical	CAS No.	EPA de minimis, tons/yr
Dimethyl formamide ..	68122	1.0
Formaldehyde	50000	0.2
Methylene chloride ...	75092	4.0
2-Nitropropane	79469	1.0
Isophorone	78591	0.7
Styrene monomer	1000425	1.0
Phenol	108952	0.1
Diethanolamine	11422	5.0
2-Methoxyethanol	109864	10.0
2-Ethoxyethyl acetate ..	111159	5.0

TABLE 6.—VHAP OF POTENTIAL CONCERN

CAS No.	Chemical name
"Nonthreshold" Pollutants	
92671	4-Aminobiphenyl.
96093	Styrene oxide.
64675	Diethyl sulfate.

TABLE 6.—VHAP OF POTENTIAL CONCERN—Continued

CAS No.	Chemical name
59892	N-Nitrosomorpholine.
68122	Dimethyl formamide.
80319	Hexamethylphosphoramide.
60355	Acetamide.
101779	4,4'-Methylenedianiline.
90040	o-Anisidine.
1746016 ..	2,3,7,8-Tetrachlorodibenzo-p-dioxindioxin.
92875	Benzidine
684935	N-Nitroso-N-methylurea.
542881	Bis(chloromethyl)ether.
79447	Dimethyl carbamoyl chloride.
75558	1,2-Propylenimine (2-Methyl aziridine).
57147	1,1-Dimethyl hydrazine.
96128	1,2-Dibromo-3-chloropropane.
62759	N-Nitrosodimethylamine.
50328	Benzo (a) pyrene.
1336363 ..	Polychlorinated biphenyls (Aroclors).
76448	Heptachlor.
119937	3,3'-Dimethyl benzidine.
79061	Acrylamide.
118741	Hexachlorobenzene.
57749	Chlordane.
1120714 ..	1,3-Propane sultone.
106990	1,3-Butadiene.
53963	2-Acetylaminoflourine.
53963	3,3'-Dichlorobenzidine.
58899	Lindane (hexachlorcyclohexane, gamma).
95807	2,4-Toluene diamine.
111444	Dichloroethyl ether (Bis(2-chloroethyl)ether).
122667	1,2 - Diphenylhydrazine.
8001352 ..	Toxaphene (chlorinated camphene).
121142	2,4-Dinitrotoluene.
119904	3,3'-Dimethoxybenzidine.
50000	Formaldehyde.
101144	4,4'-Methylene bis(2-chloroaniline).
107131	Acrylonitrile.
106934	Ethylene dibromide(1,2-Dibromoethane).
72559	DDE (1,1-p-chlorophenyl 1-2 dichloroethylene).
510156	Chlorobenzilate.
62737	Dichlorvos.
75014	Vinyl chloride.
75218	Ethylene oxide.
96457	Ethylene thiourea.
593602	Vinyl bromide (bromoethene).
67663	Chloroform.
87865	Pentachlorophenol.
51796	Ethyl carbamate (Urethane).
107062	Ethylene dichloride (1,2-Dichloroethane).
78875	Propylene dichloride (1,2-Dichloropropane).
56235	Carbon tetrachloride.
71432	Benzene.
140885	Ethyl acrylate.
75569	Propylene oxide.
62533	Aniline.
106467	1,4-Dichlorobenzene(p).
88062	2,4,6-Trichlorophenol.
117817	Bis(2-ethylhexyl)phthalate (DEHP).
95534	o-Toluidine.
114261	Propoxur.