

TABEL 1:
DAFTAR BAHAN BERBAHAYA DAN BERACUN (B3) YANG DAPAT
DIPERGUNAKAN

LAMPIRAN I
PP-74 TAHUN 2001

No	Chemical Abstract Service	Nama Bahan Kimia	Sinonim/ Nama Dagang	Rumus Molekul
1	540-59-0	1,2-dikloroetilena	Acetylene dichloride; 1,2-dichloroethylene; 1,2-dichloroethene; 1,2-dichloroethylene; sym-dichloroethylene; Dioform.	$C_2H_2Cl_2$
2	79-06-1	Akrilamida	Acrylamide; 2-propenamamide	C_3H_5NO
3	107-13-1	Akilonitril	Acrylonitrile; 2-propenitrile; Vinyl cyanide; Cyanoethylene; Acritet; Fumigrain; Ventox	C_3H_3N
4	107-02-8	Akrolein	Acrolein; 2-propenal; Acrylic aldehyde; Acrylaldehyde; Acraldelhyde; Aqualin	C_3H_4O
5	107-18-6	Alil Alkohol	Allyl alcohol; 2-propen-1-ol; 1-propenol-3-Vinyl carbinol	C_3H_6O
6	'7446-70-0	Aluminium Chloride	Hexahydrate; Aluwets; Ahydrol; Driclor	$AlCl_3$
7	7664-41-7	Amoniak	Ammonia	NH_3
8	62-53-3	Anilin	Anilene; Benzanamine; Aniline oil; Phenylamine; Amibnobenzene; Aminophen; Tyanol	C_6H_7N
9	'7440-37-1	Argon	-	Ar
10	1327-53-3	Arsen (III) Oksida	Arsenous oxide; Arsenous acid; Arsenous acid anhydride; Arsenous oxide, Arsenic sesquioxide white arsenic	As_2O_3
11	7784-34-1	Arsen Triklorida	Arsenic Trichloride; Butter of arsenic; Fuming liquid Arsenic.	$AsCl_3$
12	7784-42-1	Arsin	Arsine; Arsenic tryhydride; Hydrogen arsenide	AsH_3
13	79-10-7	Asam Akrilat	Acrylic Acid; 2-propenic acid vinylformic	$C_3H_4O_2$
14	64-19-7	Asam Asetat	Acetic acid; Aci-Jel	CH_3COOH
15	64-18-6	Asam Formiat	Formic acid; Ameisensaure	CH_2O_2
16	7664-38-2	Asam Posfat	Phosphoric acid; Orthophosphoric acid	H_3PO_4
17	7647-01-0	Asam Klorida	Hydrochloric acid; Hydrogen chloride; Anhydrous hydrochloric acid	HCl
18	79-11-8	Asam Kloroasetat	Chloroacetic Acid; Chloroethanoic acid; Monochloroacetic acid; MCA.	$C_2H_3ClO_2$
19	144-62-7	Asam Oksalat	Oxalic acid; Ethanedioic acid	$C_2H_2O_4$
20	79-21-0	Asam Perasetat	Pereatic acid; Ethaneperoxide bacid; peroxy acetic acid; Acetyl hydroperoxide	$C_2H_4O_3$
21	7601-90-3	Asam Perklorat	Perchloric Acid	$HClO_4$
22	88-89-1	Asam pikrat	Picric Acid; 2,4,6-trinitrophenol; Pieronitric acid; Carbazotic acid; nitroxanthic acid.	$C_6H_3N_3O_7$
23	74-90-8	Asam Sianida	Hydrogen cyanide; Hydrocyanic acid; Blausaure; Prussic acid	HCN
24	7664-93-9	Asam Sulfat	Sulfuric Acid; Oil of Vitriol	H_2SO_4
25	100-21-0	Asam Teraftalik	Teraphtalic acid; 1,4-benzenedicarboxylic acid; p-phthalic acid; Tepthol	$C_8H_6O_4$
26	-	Asbestos	Amianthus; Chrysolite	$\{Mg_6(Si_4O_{10})(OH)_8\}$

27	74-86-2	Asetilen	Acetylene; Ethyne; Ethine	C ₂ H ₂
28	75-05-8	Asetonitril	Acetonitrile; Methyl cyanide; cyanomethane; Ethane nitrite	C ₂ H ₃ N
29	7446-09-5	Belerang dioksida	Sulphure dioxide; Sulfurous anhydride; Sulfurous oxide	SO ₂
30	100-44-7	Bensil Klorida	Benzil chloride; (chloromethyl)benzene; Alpha-chlorotoluena	C ₇ H ₇ Cl
31	71-43-2	Benzena	Benzene; Benzol; Cyclo hexatriene	C ₆ H ₆
32	7637-07-02	Boron Trifluorida	Boron Trifluoride -	BF ₃
33	7726-95-6	Brom	Bromine	Br ₂
34	106-97-8	Butana	n-butane	C ₄ H ₁₀
35	19287-45-7	Diboran	Diborane; Boroethane; Diboronhexahydride	B ₂ H ₆
36	111-42-2	Dietanolamine	Diethanolamine; 2,2-iminobisethanol; diethylolamine; bis(hydroxyethyl)amine	C ₄ H ₁₁ N
37	60-29-7	Dietil Eter	Dethyl ether; 1,1-oxybisethane; Ethoxyethane; Ether; Diethyl ether; Ethyle oxide; Sulfuric ether; Anesthetic ether	C ₄ H ₁₀ O
38	109-89-7	Dietilamina	Diethylamine; N-ethylethanamine	C ₄ H ₁₁ N
39	111-46-6	Dietilena Glikol	Dethylene glycol; Beryllium diethyl.	C ₄ H ₁₀ N
40	68-12-2	Dimetil Fornamida	Dimethyl Fornamide; DMF; DMFA.	C ₃ H ₇ NO
41	77-78-1	Dimetil Sulfat	Dimethyl sulphate; Sulfuric acid dimethyl ester, DMS;	C ₂ H ₆ O ₄ S
42	505-22-6	Dioksana	Dioxane	C ₄ H ₈ O ₂
43	74-84-0	Etana	Dimethyl; Methyl methane; Ethyl hydride	C ₂ H ₄
44	141-43-5	Atanolamine	2-aminoethanol	C ₂ H ₇ NO
45	140-88-5	Etil Akrilat	Athyl acrylate; 2-propenic acid ethyl ester; acrylic acid ethyl ester	C ₅ H ₈ O ₂
46	64-17-5	Etil Alcohol	Ethanol; Absolute alcohol; Anhydrous alcohol; Dehydrated alcohol; Ethyl hydrate; Ethyl hydroxide	C ₂ H ₆ O
47	75-00-3	Etil Klorida	Ethyl chloride; Chloroethane; Monochloroethane; chlorethyl; Aethylis chloridum; Ether chloradus; Etherhydrochloric; Ether muriatic; Kelene; Chelen; Anodynon; Chlory anesthetic; Narcotile	C ₂ H ₅ Cl
48	107-15-3	Etilena Diamina	Ethylene Diamine; 1,2-ethanediamine; 1,2-diaminoethane	C ₂ H ₈ N ₂
49	107-21-1	Etilen Glikol	Ethylene glycol; 1,2-etahnediol	C ₂ H ₆ O ₂
50	75-21-8	Etilen Oksida	Ethylene oxide; Oxirane; Anprolene	C ₂ H ₄ O
51	74-85-1	Etilena	Ethylene; Ethane; Elayl; Olefiant gas	C ₂ H ₄
52	108-95-2	Fenol	Phenol; Carboic acid; Phenic acid; Phenilic acid; Phenyl hydroxide; Hidroxybenzene; Oxybenzene	C ₆ H ₅ OH
53	50-00-0	Formaldehida	Formadehyde; Oxomethane; oxymethylene; Methylene oxide; Formic aldehyde; Methyl aldehyde	CH ₂ O
54	50-00-0	Formalin (larutan)	Formaldehyde Solution; Formalin; Formol; Morbicid; Veracur	CH ₂ O
55	75-44-5	Fosgen	Phosgene; Carbonic dichloride; Carbonyl chloride; Chloroformyl chloride	CCl ₂ O
56	85-44-9	Ftalik Anhidrida	Pthalic anhydride; 1,3-isobenzofurandione	C ₈ H ₄ O ₃
57	98-01-1	Furfural	Furfural; 2-furancarboxyaldehyde; 2-furaldehyde; Pyromuric aldehyde; Artificial oil of ants; Fulfurol	C ₅ H ₄ O ₂
58	7782-41-4	Gas Fluor	Fluorine; f	F ₂
59	56-81-5	Gliserol	Glyserol; 1,2,3-propanetriol; Glycerin; Trihydroxypropane; IFP; Opthalgan	C ₃ H ₈ O ₃
60	111-30-8	Glutaraldehyde	Pentanediol	C ₅ H ₈ O ₂
61	100-97-0	Heksametilenatetra mina	Hexamethylenetetramine; 2-methyl-1,3-butadiene	C ₆ H ₁₂ N ₄
62	110-54-3	Heksana	Hexane -	C ₆ H ₁₄

63	302-01-2	Hidrasin	Hydrazine; Hidrazine anhydrous	H ₄ N ₂
64	1333-74-0	Hidrogen	Hydrogen; Protium	H ₂
65	7664-39-3	Hidrogen Flourida	Hydrogen Fluoro acid; Fluohydric acid	HF
66	7722-84-1	Hidrogen Peroksida	Hydrogen peroxide; Hydrogen dioxide; Hydroperoxide; Hioxyl	H ₂ O ₂
67	7783-07-5	Hidrogen Selenida	Hydrogen Selenide; Selenium hydride.	H ₂ Se
68	7783-06-4	Hidrogen Sulfida	Hydrogen sulphide; Sulfurated hydrogen; Hydrosulfuric acid	H ₂ S
69	123-31-9	Hidrokwonon	Hydroquinone; 1,4-benzodiol; p-dihydroxybenzene; Quinol; Aida; Black and white bleaching cream; Eldoquine; Eldopaque; Quinnone; Techquinol.	C ₆ H ₆ O ₂
70	540-84-1	Isooktana	Iso octane; 2,2,4-trimethylpentane; Isobutyl trimethyl methane	C ₈ H ₁₈
71	78-79-5	Isoprena	Methanamine; HMT; HMTA; Hexamine; 1,3,5,7-tetraazaadamantane; Aminororn; Ammoform; Cystamin; Cytogen; Formin; Uritore; Urotropin	C ₅ H ₈
72	67-63-0	Isopropil alcohol	2-propanol	C ₃ H ₈ O
73	7784-24-9	Kalium Aluminium Sulfat	Potassium alum; Potash Alum; Tawas	KAl(SO ₄) ₂
74	1310-58-3	Kalium hidroksida	Potash	KOH
75	151-50-8	Kalium sianida	Potassiumcyanide(8Cl);Cyanide of potassium; Hydrocyanic acid, potassium salt;Kalium cyanid;Potassium cyanide (K(CN))	KCN
76	124-38-9	Karbon dioxide	Carbonic acid gas	CO ₂
77	75-15-0	Karbon disulfide	Carbon disulfide: Carbon bisulfide; Dithio carbonic anhydride	CS ₂
78	7440-44-0	Karbon hitam	Amorphous	C
79	630-08-0	Karbonmonoksida	Carbon monoxide	CO
80	7780-50-5	Klor	Chlorine	Cl ₂
81	67-66-3	Kloroform	Chloroform; Trichloromethane.	CHCl ₃
82	123-73-9	Kroton Aldehida	Croton Aldehyde	C ₄ H ₆ O
83	106-42-3	Ksilena	Xylene; Dimethylbenzene; Xylol	C ₅ H ₄ (CH ₃) ₂
84	108-78-1	Melamina	Melamine; 1,3,5-triazine; 2,4,6-triamine; 2,4,6-triamino-s-triazine; Cyanurotriamide.	C ₃ H ₆ N ₆
85	7487-97	Merkuri klorida	Mercuric Chloride; Mercury bichloride; Corrosive mercury chloride	HgCl ₂
86	21908-53-2	Merkuri Oksida	Mercuric oxide	HgO
87	74-82-8	Methane	-	CH ₄
88	67-56-1	Metanol	Methylalcohol; Carbinol; Wood spirit; Wood alcohol	CH ₃ OH
89	96-33-3	Metil Akrilat	Methyl acrilate; 2-propenoic acid methyl ester; acrylic acid methyl ester	C ₄ H ₆ O ₂
90	78-93-3	Metil Etil Keton	Methyl ethyl ketone; 2-butanone; Ethylmethyl ketone; MEK; 2-oxobutane	C ₄ H ₈ O
91	624-83-9	Metil Iso Sianat	Methyl isocyanate; Isocyanatomethane; Isocyanic acid methyl ester; MIC	CH ₃ -NCO
92	74-93-1	Metil Merkaptan	Methanethiol; Mercaptomethane; Thiomethyl alcohol; Methyl sufhydrate	CH ₄ S
93	75-09-2	Metilen Klorida	Dichloromethane; Methylene dichloride; Methylene bichloride.	CH ₂ Cl ₂
94	108-10-1	Metilisobutilketon	Isopropylacetone; 4 methyl-2-pentanone; Methyl isobutyl ketone; Hexone	C ₆ H ₁₂ O

95	141-43-5	Monoetanolamina	2-aminoethanol; monoethanolamine; beta-aminiethyl alcohol; 2-hydroxyethylamine; Ethylolamine; Colamine	C ₂ H ₇ NO
96	26628-22-8	Natrium Asida	Sodium Azide; Smite	NaN ₃
97	1330-43-4	Natrium borat kristal	Sodium baborate; Sodium pyro borat; Sodium tetra borat	Na ₂ B ₄ O ₇
98	1310-73-2	Natrium Hidroksida	Sodium hydroxide; Caustic soda; Soda lye, Sodium hydrate	NaOH
99	7681-52-9	Natrium Hipoklorit	Sodium Hypochlorite -	NaOCl
100	7775-11-3	Natrium Kromat	Sodium chromate(VI); Neutral sodium chromate	Na ₂ CrO ₄
101	142-82-5	n-Heptana	n-Heptane -	C ₇ H ₁₆
102	13463-39-3	Nikel Karbonil	Nickel carbonyl; Nikel tetracarbonyl	Ni(CO) ₄
103	54-11-5	Nikotin	Nicotine; Nicorette	C ₁₀ H ₁₄ N ₂
104	98-95-3	Nitrobenzene	Mitrobenzol; Essence of mirbane; oil of mirbane	C ₆ H ₅ NO ₂
105	7727-37-9	Nitrogen	Nitrogen	N ₂
106	10102-44-0	Nitrogen Dioksida	Nitrogen dioxide	NO ₂
107	71-23-8	n-Propil Alkohol	n-propyl alcohol; 1-propanol; Popylic alcohol; Optal	C ₃ H ₈ O
108	95-48-7	O-kresol	Cresol-O; 2-methylphenol; o-cresylic acid; o-hydroxytoluene; Tolanol; Barnard; Meyer.	C ₇ H ₈ O
109	95-53-4	O-toluidine	2-methylbenzamine; 2-aminotoluena; 2-methylaniline	C ₇ H ₉ N
110	10028-15-6	Ozon	Ozone; Triatomic oxygen	O ₃
111	106-46-7	p-Diklorobenzena	Paracide; PDB; Paradichlorobenzene; Para-zene; Di chloricide; Paramoth	C ₆ H ₄ Cl ₂
112	87-86-5	Pentaklorofenol	Penta; PCP; Penchloraol; Santhophene 20	C ₆ HCl ₅ O
113	109-66-0	Pentana	n-pentana	C ₅ H ₁₂
114	7761-88-8	Perak nitrat	Silvernitate; Silver Nitrate; Nitricacid silver(1+) salt (8Cl,9Cl); Silver nitrate (7Cl); Nitric acid silver(I)salt; Nitric acid, silver(1+) salt; Silver (I) nitrate; Silver mononitrate; Silver(1+) nitrate	AgNO ₃
115	101316-46-5	Petroleum ether	Rule 66 Mineral Spirits; Rubber Solvent; Solvent Naphtha; PVOC Mixture 3, Wisconsin; Preciptation Naphtha; Petroleum Benzin Low Boiling; Petroleum Ether; Petroleum Ether 100-120	
116	110-86-1	Piridin	Pyridine; Azine; Azabenzene; CP 32; Piridina; py; Pirydyna; Pyridine, crude, light	C ₅ H ₅ N
117	1314-56-3	Posfor Pentaoksida	Phosphorouspentaoxide; Phosphoric anhydride; Disphosphorous pentaoxide	P ₂ O ₅
118	7719-12-2	Posfor Triklorida	Phosphorous trichloride; Phosphoric chloride	PCl ₃

119	74-98-6	Propana	n-propana; Dimethylmethane; HC 290; LPG; Liquefied petroleum gas; Propyl hydride	C ₃ H ₈
120	75-56-9	Propilen Oksida	Propylene Oxide; Methyl oxirane; Propene oxide	C ₃ H ₆ O
121	108-46-3	Resorsinol	1,3-benzenediol; m-dihydroxybenzene; Resorcin	C ₆ H ₆ O ₂
122	7646-85-7	Seng Klorida	Zinc Chloride; Butter zinc.	ZnCl ₂
123	110-82-7	Sikloheksana	Cyclohexane; Hexahydrobenzene; Hexam ethylene; Hexanaphthene	C ₆ H ₁₀ O
124	108-94-1	Sikloheksanon	Cyclohexanone; Ketohexamethylene; Pimelic ketone; Hytrol; Hytrol O; Anone; Nadone	C ₆ H ₁₂
125	109-99-1	Tetrahidrofuran	Diethylene oxide; Tetra methylene oxide	C ₄ H ₈ O
126	127-18-4	Tetrakloroetilena	Tetrachloroethane; Perchloroethylene; Ethylene tetrachloride; Tetra chloro ethylene; Nema; Tetracap; Tetropil; Perclene; Ankilostin; Didakene	C ₂ Cl ₄
127	7439-92-1	Timbal (timah hitam)	Lead.	Pb
128	1309-60-6	Timbal dioksida	Lead dioxide; Lead oxide brown; Lead peroxide; Lead superoxide	PbO ₂
129	78-00-2	Timbal Tetraetil	Tetraethyl Lead; Tetraethylplumbune; Lead tetraethyl, TEL	C ₈ H ₂₀ PB
130	108-88-3	Toluena	Methylbenzene; Totuol; Phenylmethane; Methacida	C ₆ H ₅ CH ₃
131	584-84-9	Toluena-2,4-diisosianat	Toluene-2,4-diisocyanate; 2,4-diisocyanatoluena; 2,4-tolylena diisocyanate; TDT; Nacconate 100.	C ₉ H ₆ N ₂ O ₂
132	118-96-7	Trinitrotoluena	TNT; Alpha-trinitrotoluol; sym-trynitrotoluene; 1-methyl-2,4,6-trinitrobenzene; Trotyl; Tolit; Trilit	C ₇ H ₅ N ₃ O ₆
133	1314-62-1	Vanadium Pentoksida	Vanadium Pentoxide; Vanadic anhydride.	V ₂ O ₅
134	108-05-4	Vinil Asetat	Acetic acid ethenyl ester; acetic acid vinyl ester	C ₄ H ₆ O ₂
135	75-43-4	HCFC-21	Dichlorofluoromethane	CHFCl ₂
136	75-45-6	HCFC-22	Chlorodifluoromethane	CHF ₂ Cl
137	593-70-4	HCFC-31	Chlorofluoromethane	CH ₂ FCI
138	354-14-3	HCFC-121	Tetrachlorofluoroethane	C ₂ HFCl ₄
139	354-11-0	HCFC-121a	1,1,1,2-Tetrachloro-2-fluoroethane	C ₂ HFCl ₄
140	354-21-2 atau 41834-16-6	HCFC-122	Trichlorodifluoroethane	C ₂ HF ₂ Cl ₃
141	306-83-2	HCFC-123	Dichlorotrifluoroethane	C ₂ HF ₂ Cl ₃
142	354-23-4	HCFC-123a	1,1,2-Trifluoro-1,2-dichloroethane	C ₂ HCl ₂ F ₃
143	2837-89-0	HCFC-124	Chlorotetrafluoroethane	C ₂ HF ₄ Cl
144	354-25-6	HCFC-124a	1-Chloro-1,1,2,2-tetrafluoroethane	CHFClCF ₃
145	354-33-6	HCFC-125	1,1,1,2,2-pentafluoroethane	C ₂ HF ₅
146	359-2-4 atau 27154-33-2	HCFC-131	Trichlorofluoroethane	C ₂ H ₂ FCI ₃

147	1649-08-7	HCFC-132b	Dichlorodifluoroethane	$C_2H_2F_2Cl_2$
148	75-88-7	HCFC-133a	Monochlorotrifluoroethane	$C_2H_2F_3Cl$
149	1717-00-6	HCFC-141b	Dichlorofluoroethane	$C_2H_3FCl_2$
150	75-68-3	HCFC-142b	Monochlorodifluoroethane	$C_2H_3F_2Cl$
151	110587-14-9	HCFC-151	Chlorofluoroethane	C_2H_4FCl
152	422-26-4 atau 29470-94-8	HCFC-221	Hexachlorofluoropropane	C_3HFCl_6
153	422-49-1	HCFC-222	Pentachlorodifluoropropane	$C_3HF_2Cl_5$
154	422-52-6 atau 29470-95-9 atau 134237-37-9	HCFC-223	Tetrachlorotrifluoropropane	$C_3HF_3Cl_4$
155	134237-38-0	HCFC-224	Trichlorotetrafluoropropane	$C_3HF_4Cl_3$
156	135151-96-1	HCFC-225	Dichloropentafluoropropane	$C_3HF_5Cl_2$
157	422-56-0	HCFC-225ca**	Dichloropentafluoropropane	$CF_3CF_2CHCl_2$
158	507-55-1	HCFC-221cb**	Dichloropentafluoropropane	CF_2ClCF_2CHClF
159	431-87-8	HCFC-226	Chlorohexafluoropropane	C_3HF_6Cl
160	421-94-3	HCFC-231	Pentachlorofluoropropane	$C_3H_2FCl_5$
161	460-89-9	HCFC-232	Tetrachlorodifluoropropane	$C_3H_2F_2Cl_4$
162	7125-84-0 atau 134237-40-4	HCFC-233	Trichlorotrifluoropropane	$C_3H_2F_2Cl_4$
163	425-94-5	HCFC-234	Dichlorotetrafluoropropane	$C_3H_2F_4Cl_2$
164	460-92-4 atau 28103-66-4	HCFC-235	Monochloropentafluoropropane	$C_3H_2F_5Cl$
165	666-27-3 atau 84816-05-7	HCFC-241	Tetrachlorofluoropropane	$C_3H_3FCl_4$
166	460-63-9	HCFC-242	Trichlorodifluoropropane	$C_3H_3F_2Cl_3$
167	460-69-5	HCFC-243	Dichlorotrifluoropropane	$C_3H_3F_3Cl_2$
168	134190-50-4	HCFC-244	Monochlorotetrafluoropropane	$C_3H_3F_4Cl$
169	421-41-0	HCFC-251	Monochlorotetrafluoropropane	$C_3H_4FCl_3$
170	819-00-1 atau 134190-52-6	HCFC-252	Dichlorodifluoropropane	$C_3H_4F_2Cl_2$
171	460-35-5 atau 134237-44-8	HCFC-253	Monochlorotrifluoropropane	$C_3H_4F_3Cl$
172	420-97-3	HCFC-261	Dichlorofluoropropane	$C_3H_5FCl_2$

	atau 7799-56-6			
173	421-02-03	HCFC-262	Monochlorodifluoropropane	C ₃ H ₅ F ₂ Cl
174	430-55-7	HCFC-271	Monochlorofluoropropane	C ₃ H ₆ FCl
175	1868-53-7	CHBrBr ₂ 271*)	Dibromofluoromethane	-
176	1511-62-2	CHF ₂ Br - HBFC - 22B1*)	Bromodifluoromethane	-
177	373-52-4	CH ₂ FBr *)	Bromofluoromethane	-
178	EDF-256	C ₂ HFBr ₄ *)	Tetrabromofluoroethane	-
179	EDF-253	C ₂ HF ₂ Br ₃ *)	Tribromodifluoroethane	-
180	354-04-1	C ₂ HF ₃ Br ₂ *)	Dibromotrifluoroethane	-
181	354-07-4	C ₂ HF ₄ Br *)	Bromotetrafluoroethane	-
182	EDF-249	C ₂ H ₂ FBr ₃ *)	Tribromofluoroethane	-
183	75-82-1	C ₂ H ₂ F ₂ Br ₂ *)	Dibromodifluoroethane	-
184	421-06-7	C ₂ H ₂ F ₃ Br *)	Bromotrifluoroethane	-
185	358-97-4	C ₂ H ₃ FBr ₂ *)	Dibromofluoroethane	-
186	359-07-9	C ₂ H ₃ F ₂ Br *)	Bromodifluoroethane	-
187	762-49-2	C ₂ H ₄ FBr *)	Bromofluoroethane	-
188	EDF-260	C ₃ HFBr ₆ *)	Hexabromofluoropropane	-
189	EDF-235	C ₃ HF ₂ Br ₅ *)	Pentabromodifluoropropane	-
190	EDF-234	C ₃ HF ₃ Br ₄ *)	Tetrabromotrifluoropropane	-
191	EDF-233	C ₃ HF ₄ Br ₃ *)	Tribromotetrafluoropropane	-
192	EDF-232	C ₃ HF ₅ Br ₂ *)	Dibromopentafluoropropane	-
193	2252-78-0	C ₃ HF ₆ Br *)	Bromohexafluoropropane	-
194	EDF-254	C ₃ H ₂ FBr ₅ *)	Pentabromofluoropropane	-
195	EDF-257	C ₃ H ₂ F ₂ Br *)	Tetrabromodifluoropropane	-
196	EDF-258	C ₃ H ₂ F ₃ Br *)	Tribromotrifluoropropane	-
197	EDF-259	C ₃ H ₂ F ₄ Br *)	Dibromotetrafluoropropane	-
198	EDF-231	C ₃ H ₂ F ₅ Br *)	Bromopentafluoropropane	-
199	EDF-242	C ₃ H ₃ FBr ₄ *)	Tetrabromofluoropropane	-
200	EDF-252	C ₃ H ₃ F ₂ Br ₃ *)	Tribromodifluoropropane	-
201	432-21-0	C ₃ H ₃ F ₃ Br ₂ *)	Dibromotrifluoropropane	-
202	EDF-243	C ₃ H ₃ F ₄ Br *)	Bromotetrafluoropropane	-
203	EDF-239	C ₃ H ₄ FBr ₃ *)	Tribromofluoropropane	-
204	EDF-241	C ₃ H ₄ F ₂ Br *)	Dibromodifluoropropane	-

205	EDF-240	C ₃ H ₄ F ₃ Br *)	Bromotrifluoropropane	-
206	EDF-237	C ₃ H ₅ FBr ₂ *)	Dibromofluoropropane	-
207	EDF-238	C ₃ H ₅ F ₂ Br *)	Bromodifluoropropane	-
208	EDF-236	C ₃ H ₆ FBr *)	Bromofluoropropane	-
209	74-97-5	CH ₂ BrCl *)	Bromochloromethane	-

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TABEL 2: DAFTAR BAHAN BERBAHAYA DAN BERACUN (B3) YANG DILARANG DIPERGUNAKAN**LAMPIRAN I****PP-74 TAHUN 2001**

No	Chemical Abstract Service.	Nama Bahan Kimia	Sinonim>Nama Dagang	Rumus Molekul
1	309-00-2	Aldrin	HHDN	$C_{12}H_8Cl_6$
2	57-74-9	Chlordane	CD68; Velsicol 1068; Toxichlor; Niran; Octachlor; Orthochlor; Synclor; Belt; Corodane.	$C_{10}H_6Cl_8$
3	50-29-3	DDT	Dichlorodiphenyltrichloroethane; D-58; Chlorophenothane; Clofenotane; Dicophane; pentachlorin; p,p-DDT; Agritan; Gesapon; Gesarex; Gesarol; Guesapon; Neocid.	$C_{14}H_9Cl_5$
4	60-57-1	Dieldrin	Compound 497; ENT 16225; HEOD; Insecticide No.497; Octalox	$C_{12}H_8Cl_6O$
5	72-20-8	Endrin	Compound 269; ENT 17251; Mendrin; Nendrin; Hexadrin	$C_{12}H_8Cl_6O$
6	76-44-8	Heptachlor	E3314, Velsicol 104; Drinox; Heptamul	$C_{10}H_5Cl_7$
7	2385-85-5	Mirex	C6-1283; ENT 25719; Dechlorane; Hexachloropentadienedimer	$C_{10}Cl_{12}$
8	8001-35-2	Toxaphene	Hercules 3956; Polychlorocamphene; Chlorinatedcamphene; Campheclor; Alttox; Geniphene; Motox, Penphene; Phenacide; Phenatox; Strobane-T; Toxakil.	$C_{10}H_{10}Cl_8$
9	118-74-1	Hexachlorobenzene	Polychlorobenzene; Anticarie; Bunt-cure; Bunt-no-more; Julins Carbon Chloride	C_6Cl_6
10	1336-36-3	PCBs	Polychlorinated Biphenyls; Chlorobiphenyls; Aroclor; Clophen; Fenclor; Kenachlor; Phenochlor; Pyralene; Santotherm.	$C_{12}X$ X=H or Cl

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TABEL II. DAFTAR BAHAN BERBAHAYA DAN BERACUN (B3) YANG TERBATAS DIPERGUNAKAN**LAMPIRAN I
PP-74 TAHUN 2001**

No	Chemical Abstract Service.	Nama Bahan Kimia	Sinonim>Nama Dagang	Rumus Molekul
1	93-76-5	2,4,5-T	Esterone 245; Trioxone; Weedone.	$C_8H_5Cl_3O_3$
2	2425-06-1	Captafol	Difolatan	$C_{10}H_9Cl_4NO_2$ S
3	6164-98-3	Chlordimeform (CDM)	CDM; Ciba-8514; Schering 36,268; Spanon; Fundal; Gulecton; Chlorophenamide	$C_{10}H_{13}ClN_2$
4	510-15-6	Chlorobenzilate	Compound 338; G23922; Acaraben; Akar; Folbex; Ethyl 4,4-dichloro benzilate; Ethyl 2-hydroxy-2,2bis(4-chlorophenil)acetate.	$C_{16}H_{14}Cl_2O_3$
5	88-85-7	Dinoseb dan garam-garam dinoseb (DNBP)	DNBP; ENT 1122; WX-8365; Chemax PE; Dow General; Premerge; Subitex; Caldon; Basanite	$C_{10}H_{12}N_2O_5$
6	106-93-4	Ethylene Dibromida (EDB)	EDB, Dowfume WW.85; 1,2-dibromoethane; ethyleenebromide; sym-dibromoethane;	$C_2H_4Br_2$
7	640-19-7	Fluoroacetamide	1081; Fluoroacetic acid amide; Monofluoroacetamide; Fussol; Fluorakil 100;	C_2H_4FNO
8	608-73-1	Hexachlorocyclohexane (HCH) dan campuran isomernya	ENT 7796; Gama-HCH; Gama-BHC; Gama-hexachlor; Aparasin; Aphtirin; Esodern; Gammalin; Gamane; Ganniso; Gammaxene; Gexane; Jacutin; K-well Lindafoa; Lindatox; Laroxane; Quellada; Streunex; Tri-6; Vitou.	$C_6H_6Cl_6$
9	58-89-9	Lindane		$C_6H_6Cl_6$
10		Senyawa merkuri termasuk: 1. Anorganik merkuri 2. Alkyl merkuri 3. Alkyloxyalkyl merkuri 4. Aryl merkuri		
11	87-86-5	Pentachlorophenol	PCP; Ponta; Penchloroe; Santhophene 20.	C_6HCl_5O
12	6923-22-4	Monocrotophos (terlarut dalam formulasi melebihi 600 gr active ingredient/liter	5D9129; ENT 27129; Monocron; Azodrin; Nuracron.	$C_7H_{14}NO_5P$
13	10265-92-6	Methamidophos (terlarut	Bayer; ENT 27396; Otrho 9006; SRA 5172;	$C_2H_8NO_2PS$

		dalam formulasi melebihi 600 gr active ingredient/liter)	Monitor; Tamaron	
14	13171-21-6	Phosphamidon (terlarut dalam formulasi melebihi 1000 gr active ingredient/liter)	Ciba 570; ENT 25515; Dimecron	$C_{10}H_{19}ClNO_5P$
15	298-00-0	Methyl-parathion (Emulsi dengan kandungan 19,5%, 40%, 50%, 60% active ingredient. Debu dengan kandungan 1,5%, 2%, 3% active ingredient)	E 601; ENT 17292; Dalf(Obsolute) Dimethyl parathion; parathion-methyl; Metron Penncap M; Metron; Folidol-M; Metacide Metaphos; Nitrox 80.	$C_8H_{10}NO_5PS$
16	56-38-2	Parathion (seluruh formulasi : aerosol, dustable powder (DP), emulsifiable concentrate (EC), granular (GR) dan wettable powder (WP) kecuali capsule suspension (CS)	DNTP; 5NP; E-605; AC 3422; ENT 15108; Alkron; Alleron; Aphantile; Diethyl-p-nitrophenylmonothio phosphate; Etilon; Folidol; Fosferone; Niran; Raraphos; Rhodiatox; Thiphos	$C_{10}H_{14}NO_5PS$
17	12001-28-4	Crocidolite	-	-
18	36355-01-8 (hexa-) 27858-07-7 (octa-) 13654-09-6 (deca-)	Polybrominated biphenyls (PBBs)	Brominated biphenyls; polybromobiphenyls	$C_{12}X$ X = H or Br
19	61788-33-8	Polychlorinated terphenyls (PCTs)	Chlorinated biphenyls; Chlorobiphenyls; Aroclor; Chlopen; Fenclor; Keneclor; Phenoclor; Pyrulene; Santotherm	
20	126-72-7	Tris-BP	Tris(2,3-dibromopropyl) phosphate; Apex 462-5; Flammex AP; Flammex T 23P; Firemaster LV-T23P; Firemaster T 23P; T 23P, Fyrol HB-32	$C_9H_{15}Br_6O_4P$
21	7439-97-6	Mercury/Air Raksa	Liquid Silver; Hydrargyrum; Liquid silver; Quicksilver	Hg
22	107-06-2	Ethylene Dichloride	1.2-dichloroethane; Sym-dichloroethane; Ethylene chloride; EDC; Dutch liquid; Brocicide	$C_2H_4Cl_2$
23	75-21-8	Ethylene Oxide	Oxirane; Orixane, Anprolene	C_2H_4O
24	56-23-5	CCL4 (Karbon Tetraklorida)	Tetrachloromethane; Perchloromethane; Necatorina; Bezinoform	CCl_4

25	71-55-6	TCA (1,1,1 Trikloroethane)	Methylchloroform; Chloroethene	$C_2H_3Cl_3$
26	75-69-4	CFC-11	Trichloromonofluoromethane; Fluorotrichloromethane; Freon 11; frigen 11; Areton 11	CCl_3F
27	75-71-8	CFC-12	Dichlorodifluoromethane; Areton 12; Freon 12; Frigen 12; Genetron 12; Halon; Isotron 2	CCl_2F_2
28	-	CFC-113	Trichlorotrifluoroethane	$C_2Cl_3F_3$
29	-	CFC-114	Dichlorotetrafluoroethane; Cryfluorane; Freon 114r; Frigen 114; Areton 114	$C_2Cl_2F_4$
30	-	CFC-115	Chloropentafluoroethane	C_2ClF_5
31	-	CFC-13	Chlorotrifluoromethane	$CClF_3$
32	-	CFC-112	Tetrachlorodifluoroethane	$C_2Cl_4F_2$
33	-	CFC-111	Pentachlorofluoroethane	C_2Cl_5F
34	-	CFC-217	Chloroheptafluoropropane	C_3Cl_7F
35	-	CFC-216	Dichloroheksafluoropropane	$C_3Cl_2F_6$
36	-	CFC-215	Trichloropentafluoropropane	$C_3Cl_3F_5$
37	-	CFC-214	Tetrachlorotetrafluoropropane	$C_3Cl_4F_4$
38	-	CFC-213	Pentachlorotifluoropropane	$C_3Cl_5F_3$
39	-	CFC-212	Heksakchlorodifluoropopane	$C_3Cl_6F_2$
40	-	CFC-211	Heptachlorofluoropropane	C_3Cl_7F
41	-	Halon-1211	Bromochlorodifluoromethane	$CBrClF_2$
42	-	Halon-1301	Bromotrifluoromethane	$CBrF_3$
43	-	Halon-2402	Dibromotetrafluoroethane	$C_2Rbr_2F_4$
44	-	R-502 (Campuran mengandung turunan perhalogenasi dari HC Asiklik mengandung dua atau lebih halogen berbeda : • Mengandung HC, Asiklik perhalogenasi		

		<p>hanya fluor dan Klor</p> <ul style="list-style-type: none">• Mengandung R-115/ HCFC-22 (Chlorodifluoro ethane)		
45	74-83-9	Metil Bromida	Bromomethane; Monobromomethane; Embafume	CH ₃ Br

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