

Lampiran III : Keputusan Menteri Tenaga Kerja
Republik Indonesia

Nomor :

Tanggal :

NAMA DAN NILAI AMBANG KUANTITAS (NAK) BAHAN KIMIA BERBAHAYA

I. Beracun

No.	NAMA BAHAN	NILAI AMBANG KUANTITAS (NAK)
1.	Aceton cyanohydrin (2-cyanopropan-2-1)	200 ton
2.	Acrolein (2-propenal)	200 ton
3.	Acrylonitrile	20 ton
4.	Allyl alcohol (2-Propen-1- 1)	200 ton
5.	Allyamine	200 ton
6.	Ammonia	100 ton
7.	Bromine	10 ton
8.	Carbon disulphide	200 ton
9.	Chlorine	10 ton
10.	Diphenyl methane di-isocyanate (MDT)	200 ton
11.	Ethylene dibromide (1,2-Dibromoetane)	50 ton
12.	Etyleneimine	50 ton
13.	Formaldehyde (concentration- 90 %)	20 ton
14.	Hydrogen chloride (Liquefied gas)	250 tonn
15.	Hydrogen cyanide	20 ton
16.	Hydrogen fluoride	50 ton
17.	Hydrogen sulphide	50 ton
18.	Methyl bromide (bromomethane)	200 ton
19.	Nitrogen oxides	50 ton
20.	Proyleneimine	50 ton
21.	Sulphur dioxide	20 ton
22.	Sulphur trioxide	20 ton
23.	Tetraethyl lead	50 ton
24.	Tetramethyl lead	50 ton
25.	Toluene di-isocyanate	100 ton

II. Sangat Beracun

No.	NAMA BAHAN	NILAI AMBANG KUANTITAS (NAK)
1.	Aldicarb	100 kilogram
2.	4-Aminodiphenyl	1 kilogram
3.	Amiton	1 kilogram
4.	Anabasine	100 kilogram
5.	Arsenic pentoxide, arsenic (V) acid and salts	500 kilogram
6.	Arsenic trioxide, arseninious (III) acid and salts	100 kilogram

7.	Arsine (Arsenic hydride)	10 kilogram
8.	Azinphos -ethyl	100 kilogram
9.	Azinphos -ethyl	100 kilogram
10.	Benzidine	1 kilogram
11.	Benzidine salts	1 kilogram
12.	Beryllium (powder compounds)	10 kilogram
13.	Bis (2-chloroethyl) sulphide	1 kilogram
14.	Bis (chloromethyl) ether	1 kilogram
15.	Carbofuran	100 kilogram
16.	Carbophenothion	100 kilogram
17.	Chlorfenvinphos	100 kilogram
18.	4- (Chloroformyl) morpholine	1 kilogram
19.	Chloromethyl methyl ether	1 kilogram
20.	Cobalt (metal, oxide, carbonates and sulphides as powders)	1 ton
21.	Crimidine	100 kilogram
22.	Cyanthoate	100 kilogram
23.	Cycloheximide	100 kilogram
24.	Demeton	100 kilogram
25.	Dialifos	100 kilogram
26.	00-Diethyl S-ethylsulphinylmethyl phosphorothioate	100 kilogram
27.	00-Diethyl S-ethylsulphonylmethyl phosphorothioate	100 kilogram
28.	00-Diethyl S-ethylthiomethyl phosphorothioate	100 kilogram
29.	00-Diethyl S-isopropylthiomethyl phosphorothioate	100 kilogram
30.	00-Diethyl S-propylthiomethyl phosphorodithioate	100 kilogram
31.	Dimefox	100 kilogram
32.	Dimethylcarbamoyl chloride	1 kilogram
33.	Dimethylnitrosamine	1 kilogram
34.	Dimethyl phosphoramidocyanidic acid	1 ton
35.	Diphacinone	100 kilogram
36.	Disulfoton	100 kilogram

37.	EPN	100 kilogram
38.	Ethion	100 kilogram
39.	Fensulfothlon	100 kilogram
40.	Fluonitil	100 kilogram
41.	Fluoroacetic acid	1 kilogram
42.	Fluoroacetic acid, salts	1 kilogram
43.	Fluoroacetic acid, esters	1 kilogram
44.	Fluoroacetic acid, amides	1 kilogram
45.	4- Flurobutyric acid	1 kilogram
46.	4- Flurobutyric acid, salts	1 kilogram
47.	4- Flurobutyric acid, esters	1 kilogram
48.	4- Flurobutyric acid, amides	1 kilogram
49.	4- Flurocrotonic acid	1 kilogram
50.	4- Flurocrotonic acid, salts	100 kilogram
51.	4- Flurocrotonic acid, esters	100 kilogram
52.	4- Flurocrotonic acid, amides	1 kilogram
53.	4-Floro-2-hydroxybutyric acid	1 kilogram
54.	4-Floro-2-hydroxybutyric acid, salts	100 kilogram
55.	4-Floro-2-hydroxybutyric acid, ester	500 kilogram
56.	4-Floro-2-hydroxybutyric acid, amides	100 kilogram
57.	Glycolonitrile (Hydroxyacetonitrile	10 kilogram
58.	1, 2, 3, 7, 8, 9-Hexachlorodibenzo-p-dioxin	100 kilogram
59.	Hexamethylphosphoramide	100 kilogram

60.	Hydrogen selenide	1 kilogram
61.	Isobenzan	1 kilogram
62.	Isodrin	10 kilogram
63.	Juglone (5-Hydroxynaphthalene-1, 4-dione)	1 kilogram
64.	4, 4-Methylenebis (2-chloroaniline)	1 kilogram
65.	Methyl isocyanate	100 kilogram
66.	Mevinphos	100 kilogram
67.	2- Naphthylamide	100 kilogram
68.	Nickel metal, oxides, carbonates and sulphides as powders	1 kilogram
69.	Nickel tetracarbonyl	1 ton
70.	Oxydisulfoton	100 kilogram
71.	Oxygen difluoride	100 kilogram
72.	Paraoxon (Diethyl 4-nitro-phenyl phosphate)	100 kilogram
73.	Parathion	100 kilogram
74.	Parathion	100 kilogram
75.	Pentaborane	100 kilogram
76.	Phorate	100 kilogram
77.	Phosacetin	100 kilogram

78.	Phosgene (Carbonyl chloride)	100 kilogram
79.	Phosphamidon	100 kilogram
80.	Phosphine (Hydrogen phosphide)	100 kilogram
81.	Promarit (1-(3, 4-Dichlorophenyl)-3-triazenethio-carboxamide)	100 kilogram
82.	1, 3- Propanesultone	1 kilogram
83.	1-Propen-2-chloro-1, 3-diol diacetate	1 kilogram
84.	Pyrazonon	100 kilogram
85.	Selenium hexafluoride	10 kilogram
86.	Sodium selenide	100 kilogram
87.	Stibine (Antimony hydride)	100 kilogram
88.	Sulfotep	100 kilogram
89.	Sulphur dichloride	1 ton
90.	Tellurium hexafluoride	100 kilogram
91.	TEPP	100 kilogram
92.	2, 3, 7, 8-tetrachlorodibenzo-p-dioxin(TCDD)	1 kilogram
93.	Tetramethylene-disulphotetramine	1 kilogram
94.	Thionazin	100 kilogram
95.	Tripate (2, 4-Dimethyl-1, 3-dithiolane-2-carboxadihyde 0-methylcarbamoyloxime)	100 kilogram
96.	Trichloromethanesulphenyl chloride	100 kilogram
97.	1-Tri (cyclohexy) stanny-1 H-1, 2, 4-triazole	100 kilogram
98.	Triethylenemelamine	10 kilogram
99.	warfarin	100 kilogram

III. Sangat Reaktif

No.	NAMA BAHAN	NILAI AMBANG KUANTITAS (NAK)
1.	Acetylene (Ethyne)	50 ton
2.	Ammonium nitrate (a)	500 ton
3.	2, 2-Bis (tert-buthyperoxy)butane (concentration .70%)	50 ton
4.	1, 1-Bis (tert-buthylperoxy)cyclohexane (concentration >80%)	50 ton
5.	Tert-Buthyl peroxyacetate (concentration >70 %)	50 ton
6.	Tert-Buthyl peroxyisobutyrate (concentration > 80 %)	50 ton
7.	Tert-Buthyl peroxyisoprophyl carbonate (concentration > 80%)	50 ton
8.	Tert-Buthyl peroxy pivalate (concentration >77 %)	50 ton
9.	Dibenzyl peroxydicarbonate (concentration >90 %)	50 ton
10.	Di-see-buthylperoxydicarbonate (concentration >80%)	50 ton
11.	Diethyl peroxydicarbonate (concentration > 30 %)	50 ton
12.	2, 2-Dihydroperoxypropane (concentration > 30 %)	50 ton
13.	Di-isobutiryl peroxide (concentration > 50 %)	50 ton
14.	Di-n-propyl peroxydicarbonate (concentration >80%)	50 ton
15.	Ethylene oxide	50 ton
16.	Ethylene nitrate	50 ton
17.	3, 3, 6, 6, 9, 9-Hexamethyl-1, 2, 4-5 tetraoxy-clononane (concentration > 70 %)	50 ton
18.	Hydrogen	10 ton
19.	Methyl ethyl ketone peroxide (concentration >60 %)	5 ton
20.	Methyl isobutyl ketone peroxide (concentration >60 %)	50 ton
21.	Oxygen	500 ton
22.	Peracetic acid (concentration >60 %)	50 ton
23.	Propylene oxide	50 ton
24.	Sodium chlorate	20 ton

IV. Mudah Meledak

No.	NAMA BAHAN	NILAI AMBANG BATAS (NAK)
1.	Barium azide	50 ton
2.	Bis (2, 4, 6-trinitrophenyl)-amine	50 ton
3.	Chlorotrinitrobenzene	50 ton
4.	Cellulose nitrate (containing >12.6 % nitrogen)	50 ton
5.	Cyclotetramethylene-trinitramine	50 ton
6.	Cyclotriemethylene-trinitramine	50 ton
7.	Diazodinitrophenol	10 ton
8.	Diethylene glycol dinitrate	10 ton

9.	Dinitrophenol, salts	50 ton
10.	Ethylene glycol dinitrate	10 ton
11.	1-Guanyl-4-nitrosaminoguanil-1-tetrazene	10 ton
12.	2, 2', 4, 4', 6, 6'-Hexanitrostilbene	50 ton
13.	Hydrazine nitrate	50 ton
14.	Lead azide	50 ton
15.	Lead syphanate (lead 2, 4, 6-nitrotesorcinoxide)	10 ton
16.	Mercury fluminate	50 ton
17.	N-Methyl-2, 4, 6-tetranitroaniline	50 ton
18.	Pentaerythritol tetranitrate Nitroglycerine	10 ton
19.	Pentaerythritol tetranitrate	50 ton
20.	Picric acid (2, 4, 6-Trinitrophenol)	50 ton
21.	Sodium picramate	50 ton
22.	Stypnic acid (2, 4, 6-trinitrophenol)	50 ton
23.	1, 3, 5- Triamino-2, 4, 6-trinitrobenzena	50 ton
24.	Trinitroan	50 ton

Draft:

1. Dir. PNKK :
2. Sesditjen Binawas :
3. Dir. BLHI :
4. Dirjen Binawas :
5. Biro Hukum :
6. Sekjen :

Ditetapkan di :
Pada tanggal :

Jakarta

MENTERI TENAGA KERJA
REPUBLIK INDONESIA

FAHMI IDRIS