

## 7. Index

- (1) Words of industry sectors, facilities or operations
- (2) Words of subject chemicals or products
- (3) Words of quantities subject chemicals handled or released
- (4) Other words

### (1) Words of industry sectors, facilities or operations

Index	Part	Part	Part
A			
Activated carbon adsorption treatment (Activated carbon adsorber)		-59,62,67,77	-149,284,286
Activated sludge treatment		-58,64,73	
Adhesion process			-3,74
Adhesive tapes industry			-162
Adhesives industry			-163
Aluminum alloy refining			-161,265
Aluminum product manufacture			-164
Asbestos industry			-161,260
Assembling process			-262
Auto chemicals manufacturing industry			-162,279
Auto parts industry			-163
Automobile			-151
Automobile maintenance business		-7	-142,161,251
Automobile manufacture			-163
B			
Bag filter			-283
Battery industry			-163
Boiler		-16,17	-132,134
Buildings, structures and other facilities as provided in Mine Safety Law	-32	-34	-181
Business activities performed outside the establishment			-151
C			
Can manufacturing			-161
Casting process			-262,268
Casting processing		-21	-140
Cement fiber board industry			-161,261
Cemented carbide tool industry			-162
Chemical industry			-162
Cleaning industry			-161,252
Coating (Painting)	-9 ~ 53	-45,70,76 ~ 79	-3,59,162,257,262,269,281
Combustion device (Combustion facility)		-58	-146,283
Corrugated case industry			-162
Crude oil and natural gas mining	-32	-34	
Cyclone			-283
D			
Diecasting industry			-161,271
Dissolution process			-262,264,265,267,270,27

			1
Dry cleaning			-53
Dust remover		-58	

(cont'd)

<b>Index</b>	<b>Part</b>	<b>Part</b>	<b>Part</b>
Dyeing arrangement industry			-163
Dyeing process			-3,95
E			
Electric and electronic industry			-163
Electric dust collector			-283
Electric power industry			-164
Electroplating industry			-161,258
Etching		-16	-134
Extraction of chlorofluorocarbon		-7,29	-127,142
F			
Filling			-150
Fiber board manufacturing industry			-163,280
Fixed-roof tank			-4,7,247
Flange			-149
Floating-roof tank			-3,247
Flux treatment process			-259
Forging manufacturing industry			-162
Fork lift			-152
Fuel retail business			-127
Fumigation warehouse		-7	-121
Fused zinc plating industry			-161,259
G			
Gas service company			-164
Gas station			-4,12,152,248
Gas station			-151,152,250
General waste final treatment plants, General waste incineration facilities		-40	-132,155,159,160
General waste treatment facilities	-32	-34,38,39	-154,158,159,160,183
H			
Higher educational institution		-7	-125
Hospital		-7,12	-125,126
Housing			-161
I			
Incinerator	-32	-84 ~ 91	-125,147
Industrial cleaning industry			-161,254
Industrial waste final treatment plants, Industrial waste incineration facilities		-40	-132
Industrial waste treatment business	-32	-34	
Industrial waste treatment facilities	-32	-34,39	-154,183
Iron and steel industry			-163
K			
Kraft pulp bleaching process		-17	
L			
Laminate process			-261
Laundry process			-253
Light-metal product			-161
M			
Machinery repair industry			-151

Machining process			-3,42
Maintenance of aircraft			-162

(cont'd)

<b>Index</b>	<b>Part</b>	<b>Part</b>	<b>Part</b>
Manufacture of asbestos-contained article			-260
Manufacture of food			-122
Manufacture of plastic products			-122
Manufacture of printing ink (Printing Ink Makers)			-37,163,275
Manufacturing	-18		
Mechanical maintenance business		-24	-142
Melt-process		-23	
Membrane filter			-285
Metal mining	-32	-34	
Metal product manufacturing	-18		
Metal thermal treatment industry			-161,273
Metals that undergo rolling		-21	-140
Microbial decomposition device		-58	-285
Minings industry			-163
Miscellaneous manufacturing industry		-7	-127
Musical instrument manufacturing		-7	-127
N			
Neutralizing sedimentation treatment			-131
Nonferrous metal casting industry			-161,270
O			
Optical glass manufacture			-163,264
P			
Paint manufacturing		-44,53	-32,162,274
Paper industry			-161,272
Paper/painting process			-272
Pawer plant		-7,16	-128,134
Petrochemical manufacture		-16	-134
Pickling process			-259
Pig Iron casting industry			-161,267
Plating process		-16,43	-3,81,148,25 8,262,282
Polishing or cutting		-28	-141,264
Precious metal manufacturing		-7	-127
Pressure vent			-248
Printing Industry			-164
Printing process			-3,66
Process of using other solvents			-3,106
Purification device		-58	-285,286
R			
Reaction/mixing process		-43,46	-3,21
Reagents process			-150
Recovery of spent thinner		-17,21	
Refractory manufacture			-163
Reinforced plastics manufacturing industry			-162,276
Research laboratory			-150
S			
Sewage treatment plant	-32	-34,38	-183
Sewage water business	-32	-34,38	-127,157
Ship			-151
Sintering furnace		-84	
Solvent manufacturing		-60 ~ 65	

(cont'd)

<b>Index</b>	<b>Part</b>	<b>Part</b>	<b>Part</b>
Specific facilities designated by the Law Concerning Special Measures against Dioxins	-32	-34	-132,136,154,159,160,185
Specific requirement facility	-15,32,54 ~ 59	-3,5,82	-125,133,154,155,181
Sterilizing and disinfecting process			-3,101
Storage process			-3,4
Storage tank		-3,14,28,66,67,71	-4,17,18,247
T			
(Public affairs of) The government or local public organization		-7,9	-126,127
Toy and sporting goods manufacturing		-7	-127
Trensport			-152
U			
Undergoing extrusion process		-20	
Underground tank			-4,248
University hospital			-125
V			
Valve manufacturing industry			-161,262
Vapor return			-248
Vehicles used only within the premises of the business establishment		-24	-152
W			
Washing (Washing process)	-6	-47	-3,47,254,262,273
Waste service company (Waste treatment service)		-17,21	-136,154
Waste treatment business	-32	-34	-159,160
Welding		-30	-146
Welding rod association			-164

**(2) Words of subject chemicals or products**

Index number	Part	Part	Part
1, 1-dichloroethylene		-37	-154
1, 2-dichloroethane		-37	-154,247
1, 3-dichloropropene		-37	-154
1,1,1-trichloroethane		-37	-154,252
1,1,2-trichloroethane		-37	-154
1,3,5-trimethylbenzene			-200,250,252,255,268
2-aminoethanol (Ethanol amine)			-42,254,274
2-chloro-4, 6-bis(ethylamino)-1, 3, 5-triazine (Simazine or CAT)		-37,96	-133,154
A			
Acetaldehyde		-60 ~ 65	-262
Acid for cleaning			-259
Acrylonitrile			-246
Additives (in powder)	-24	-20	-3
Adhesives, adhesive solvent		-20	-3,74,261,262,280
Agricultural chemicals, pesticide		-24	-143
Aniline			-95
Antimony and its compounds		-23	-138,264,265
Antiseptic agent			-3,272
Arsenic and its inorganic compounds		-37,39	-154,156,264
Asbestos, asbestos-containing materials		-20	-260,261
Assembly parts		-20	
B			
Barium and its compounds			-267
Batteries		-20	
Benzene		-37,46	-7,12,21,151,152,154,200,246,250
Beryllium and its compound			-265,271
Bis phthalate (2-ethyl-hexyl)			-74
Bisphenol-A type epoxy resin (in liquid state only)		-26	-131
Bleaching agent			-3
Bond			-262,268
Boron and its compounds		-17,30,37	-42,130,154,262,264,265
Bromomethane			-101
By-product		-3,14	-272
C			
Cadmium and its compounds		-37	-130,154,282
Capacitors		-20	
Casting material			-270
Cathode-ray tubes (TV picture tubes)		-23	-136

(cont'd)

Index	Part	Part	Part
CFC-113			-252
CFC-12			-251
Chloroform		-17	-134,272
Chromate liquid			-258
Chromium and tervalent chromium compounds		-16,23,30,37,39	-90,95,131,137,139,154,156,258,262,265,267,269,282
cis-1, 2-dichloroethylene		-37	-154
Coal		-16	
Combustion promoter			-150
Copper salts (water-soluble, except complex salts)		-16,37,39	-134,154,156,262,282
Cresol		-38	-154
Crude petroleum			-200,201
Cutting oil			-3,42
Cutware (cutting tools)		-20,21	-141
D			
Detergent, washing solvent, etc	-6	-24	-3,47,143,254,262
Dichloromethane		-37,66,67,68	-47,106,154,246,254,262,273
di-n-butyl phthalate			-261
di-n-octyl phthalate			-261
Dioxins	-32,54 ~ 59	-34,38,84 ~ 93,95	-132,136,138,148,154,157,159
Diphenylamine			-95
Disinfectant			-3,101
Dry cleaning detergent			-252
Dry cleaning solvent			-3,53,252
Dye			-3,95
E			
Ethylbenzene			-12,152,201,250,252,255,274
Ethylene glycol			-279
Ethylene oxide			-101
Ethyleneglycolmonoethylether			-254
Ethyleneglycolmonoethylether acetate			-269
Ethyleneglycolmonomethylether			-254
F			
Fabric treatment			-95
Flame retardant		-23	-138
Flux agent			-259



(cont'd)

Index	Part	Part	Part
Formaldehyde			-10,262,280
Fuel oil			-200
Fuels			-135,151,200
G			
Gasoline		-20	-12,143,151, 152,250
Glass		-23	-140
H			
Hardener			-268
HCFC-225			-252,254
Heavy metals		-16	-147
Hexavalent chromium compounds	-26,29,31,40, 43,45,46,53, 61	-16,37	-59,66,81,89, 131,154,262, 282
HFC			-254
HFE			-254
Household cleaner, household insecticide		-20	
Hydrazine		-17	-132
Hydrofluoric acid and its water soluble salts		-17,30,37,39	-95,130,131, 154,156,259, 264,271
I			
Incandescent, fluorescent and other lamp		-20	-137
Ingots		-20	
Inoculant			-267
Inorganic cyan compounds (excluding complex salts and cyanates)		-17,30,37,39	-81,130,154, 156
K			
Kerosene			-200,250
L			
Laundry detergent			-253
Lead and its compounds	-26,29,31	-17,30,37	-59,66,130, 139,154,258, 259,262,264, 269,270,282
Light oil			-200,250
Lubricating oil		-26	-201
M			
Manganese and its compounds		-23,37,39	-59,137,154, 156,262,265, 267,270
Mercury and its compounds		-37,39	-134,154,156
Metallic compounds		-17,30	-130
Metallic pipes, metallic boards		-20	
Metals scraps (Metal chips)		-20	-144,145

(cont'd)

Index	Part	Part	Part
Mixed liquor (Mixture)		-72	-5,10
Molybdenum and its compounds			-262,267,279
N			
N,N-dimethylformaldehyde			-272
Naphtha		-16	-134,200
Natural materials		-22	
n-butyl=benzyl phthalate			-261
Nickel		-23,30	-82 ~ 88, 137,139,148, 262,265,267, 270,282
Nickel compound			-82 ~ 88, 148,258,262, 282
Normal chain alkylbenzenesulfonic acid and its salts			-253,254
O			
O-ethyl = O-4-nitrophenyl = phosphonothioate (EPN)		-37,39	-154,156
Organic phosphorous compounds		-39	-156
P			
Paint	-11, 24 ~ 29	-20,24,44,45 ,70,76 ~ 79	-3,59,143,25 1,257,269
Partially-fabricated products, semi-products		-23	-137
Peeling solvent			-107
Petroleum solvent			-252
Phenol		-38	-154,262,268
Phenylenediamine			-95
Pigment component	-40,43, 45 ~ 47	-45	-59
Plated metallic electrodes	-24	-20	-81,258
Plating liquid			-3,81,258,26 2
Polychlorinated biphenyls (PCB)		-23,37	-132,139,154
Polyoxyethylenealkyl ether			-252,253
Polyoxyethylenenonylphenyl ether			-47,253
Polyoxyethyleneoctylphenyl ether			-253
Powder			-277
Preparation agent			-267
Printing ink			-3,66
Pyrocatechol		-38	-154
R			
Raw materials, semiprocessed materials			-3
Reagents (in powder)		-20	
Removal of coolant			-251
Resin pellet		-20	-140
S			
S-4-chlorobenzyl N, N-diethylthiocarbamate		-37	-154
Selenium and its compounds		-37	-154,262

Silver			-282
--------	--	--	------

(cont'd)

Index	Part	Part	Part
Solder		-23	-139
Solvent component	-40 ~ 51		-59,257
Solvents (solutions)	-24	-20	-3,7,269,275
Spent solvents		-20	
Spheroidizing agent			-267
Stainless steel, stainless plate		-23,30	-137,139
Sterilizer			-3,101
Straight asphalt			-200
Styrene, styrene monomer		-18,26	-274,276
T			
Tetrachloroethylene		-37	-47,53,154, 246,252,254, 273
Tetrachlorometane		-37	-154
Tetramethylthiuram disulfide		-37	-154
The effluent standard items of the Clean Water Law	-32	-34,39	-154,156
Thinner (Painting solvent)	-26 ~ 29		-17,251,262
Toluene	-26 ~ 31, 39 ~ 52,60	-17,21,44,50, 51,53,70, 76 ~ 79	-7,11,32,37, 59,66,74,106, 150,151,152, 200,201,250, 251,252,255, 261,262,269, 274
Trichloroethylene		-37,47	-26 ~ 31, 47 ~ 52, 144,154,246, 254,256,273
V			
Vinyl acetate		-18,26	
Vinyl chloride (Vinyl chloride monomer)		-18,26	-246
W			
Waste		-22	
Waste capacitors		-23	-139
Water soluble compounds of zinc		-17,30,37,39	-130,154,156, 259,271,282
Welding wires and base materials (welding core wire and base metal)		-23	-139
X			
X-ray developer		-24	-142
Xylene	-26,29,31,42, 44,51,52,60	-17,21,71	-7,12,17,59, 66,74,95,106, 151,152,200, 250,251,252, 255,261,262, 269,274

**(3) Words of quantities subject chemicals handled or released**

<b>Index</b>	<b>Part</b>	<b>Part</b>	<b>Part</b>
<b>A</b>			
Acceptance loss			-4,6,247
Air emission	-33,50,56	-54, 64 ~ 74, 76 ~ 81,84	-146
Annual quantity handled	-15,21,30,44 ,60	-3,5,14,32,4 1,52,94,95	-134,153
Annual quantity manufactured	-21,23,30,31	-3,14,16,32	-134
Annual quantity of raw materials or materials used	-27 ~ 29	-28 ~ 30	
Annual quantity of specified substance used	-21, 28 ~ 31	-3,14, 30 ~ 33	
Annual quantity purchased(bought in)	-27	-28	
<b>B</b>			
Breathing loss			-4,5,247
<b>C</b>			
Classification of released/transferred quantity calculation (classification for calculation)	-33,52,59		
Classification of released/transferred quantity notification (classification for notification)	-33,52,59	-80,92	
Consumed quantity by chemical reaction		-43,46	
<b>D</b>			
Direct measurement (method by actual measurement)	-36,48,54	-58, 60 ~ 65	-146
Discharge after treatment, quantity decomposed by treatment, quantity in waste generated by treatment	-48,50	-58, 62 ~ 65,67, 71 ~ 75, 77	
Discharge loss			-4,247
<b>E</b>			
Emission factors	-37,48	-58, 66 ~ 69,94	-12,246,247
Engineering calculations	-38,48	-58, 70 ~ 74,94	-4
<b>I</b>			
Incineration ash	-58	-90,92	-138
<b>L</b>			
Land emission	-34,46,50	-54,75	
Land emission in the business establishment	-34		
Landfills in the business establishment	-34	-48,80	
Larger quantity is released	-47,50,51	-56,75	
<b>M</b>			
Mass balance	-35,50		-17
Maximum potential release(discharge) to the environment	-44,50,51	-41,52,75	
Metal chips		-49	
<b>O</b>			
Off-site transfer in waste	-34	-48,80,92	-138,144
<b>P</b>			
Paint residue	-41		

(cont'd)

<b>Index</b>	<b>Part</b>	<b>Part</b>	<b>Part</b>
<b>Q</b>			
Quantity in waste	-34,41,44,58	-41,48,52,90	
<b>R</b>			
Refueling loss			-4,248
Release to water	-34,48,57	-48, 60 ~ 65,80, 88	
Released(discharged, transferred) as manufactured goods	-40,44	-41,43,48,52 ,96	
<b>S</b>			
Sludge		-38,58	-131,138
Smaller quantity is released	-47 ~ 51	-56,58,61,63 ,65,66,69,70 ,72,74,75	
Spent carbon		-62,63,68,78	
Spent paint	-41	-50,51	
Spent solvent		-49	
Spent thinner	-41		
Stock at beginning of fiscal year	-27	-28	
Stock at end of fiscal year	-27	-28	
Surface water discharge	-34	-80	-145
<b>T</b>			
Transfere to sewage	-34	-48,80	
<b>W</b>			
Waste oil			-144

**(4) Other words**

<b>Index</b>	<b>Part</b>	<b>Part</b>	<b>Part</b>
<b>B</b>			
Business code			-122,127
Business establishment	-20	-10	-119,121,122
Business requiring notification (or Designated business)	-15,17	-4,5,6,7,34	-122,124,165,172
<b>C</b>			
CAS No.		-19,27	-203,218
Chemical substance management	-4,6		
Chemical substances to be converted to elements		-17,26,30	-130
Coefficient of conversion to metallic element		-17	
Concentration O <sub>2</sub> 12% conversion		-84	
Consignment relation between businesses		-12	-120
<b>D</b>			
Designated value	-15,21,30,31	-14,32	
Determine the business requiring notification (or conditions for businesses that must submit notifications)	-15	-5	
Disclosure of confidential information			-118
<b>E</b>			
Environmental risks	-4		
<b>H</b>			
Henry's constant	-47	-56	-153,227,288
<b>M</b>			
Manuals for calculation by business category			-161,249
Minimum limit of detection	-55	-58,82	
Minimum limit of determination	-54	-58,82	-147,148,157
MSDS	-12,26	-26,30	-130,135,138
<b>P</b>			
Painting adhesion efficiency (or adherence efficiency of paint)	-40	-45	-281
Percentage content of the specified substance in raw materials or materials	-26,28,29	-5,26,30	-135
Physical properties			-227
Pipeline		-80	-145,149
Products for general consumers, (or materials mainly for domestic)	-24	-20	-136
PRTR	-2		
<b>R</b>			
Reaction rate, decomposition rate		-46	
Recycle	-34	-48,80	-144
Recycled resources	-24		
Removal rate, decomposition rate	-48,50	-58,62 ~ 65,67 ~ 69,73,74,77 ~ 79	-147,283
Reuses		-17,28,58	
Risk communication	-4,8		

(cont'd)

<b>Index</b>	<b>Part</b>	<b>Part</b>	<b>Part</b>
<b>S</b>			
Shape of raw materials or materials (products) you must assess the used quantity of	-24	-5,20	-136
Specific class 1 designated chemical substance	-15	-5	-217
Specified substance (Class 1 designated chemical substances)	-15,26	-5,26	-203,218
<b>T</b>			
The names of rivers to which specified substances are released		-96	-153
The notification form	-62	-95	-117,118
The number of full-time employees	-15,19	-3,4,5,8,9	-129
The person who can be entrusted with notifications			-117
Two significant digits	-62	-95	
<b>U</b>			
Unit conversion table			-289
<b>V</b>			
Vapor pressure		-71	-227
<b>W</b>			
Water solubility		-70,73	-227
Water-soluble		-18	-130,217