

DENR ADMINISTRATIVE ORDER
NO. 2017-_____

SUBJECT: **3RD REVISED PRIORITY CHEMICAL LIST**

Pursuant to the provisions of Section 19, Chapter IV, Title II Of DENR Administrative Order No. 29, The Implementing Rules and Regulations of Republic Act No. 6969 otherwise known as “ Toxic Substances and Hazardous Wastes and Nuclear Waste Control Act of 1990”, the Department hereby promulgates the revised Priority Chemical List (PCL).

| No. | Chemical Abstract Services Registry No. | Philippine Inventory of Chemicals and Chemical Substances (PICCS) name | Chemical Abstract Services (CAS) / Index Name |
|-----|---|--|--|
| 1 | 108-90-7 | 1,4-CHLORO BENZENE | Benzene, chloro- |
| 2 | 106-93-4 | 1,2-DIBROMOETHANE | Ethane, 1,2-dibromo |
| 3 | 95-50-1 | 0-DICHLORO BENZENE | Benzene, 1,2-dichloro |
| 4 | 106-46-7 | 1,4-DICHLORO BENZENE | Benzene, 1,4-dichloro |
| 5 | 107-06-2 | 1,2-DICHLOROETHANE | Ethane, 1,2-dichloro |
| 6 | 122-66-7 | 1,2 DIPHENYLHYDRAZINE | Hydrazobenzene |
| 7 | 108-46-3 | 3-HYDROXYPHENOL | 1,3-Benzenediol |
| 8 | 78-59-1 | 3,5,5-TRIMETHYL-2-CYCLOHEXAEN-1-ONE | 3,5,5-trimethylcyclohex-2-en-1-one |
| 9 | 67-64-1 | ACETONE | 2-Propanone |
| 10 | 107-02-8 | ACROLEIN | 2-Propenal |
| 11 | 107-13-1 | ACRYLONITRILE | 2-Propenenitrile |
| 12 | 78-67-1 | AZO-BIS-ISOBUTYRONITRILE | 2,2-diazene-1,2-diylbis(2-methanepropanenitrile) |
| 13 | 151-56-4 | AZIRIDINE | Aziridine |
| 14 | 12125-02-9 | AMMONIUM CHLORIDE | Ammonium chloride |
| 15 | 7647-18-9 | ANTIMONY PENTACHLORIDE | Antimony chloride |
| 16 | 7440-38-2 | ARSENIC COMPOUNDS | Arsenic |
| 17 | 71-43-2 | BENZENE | Benzene |
| 18 | 7440-41-7 | BERYLLIUM COMPOUNDS | Beryllium |
| 19 | 1303-96-4 | BORAX DECAHYDRATE | Disodium tetraborate decahydrate |
| 20 | 7440-43-9 | CADMIUM COMPOUNDS | Cadmium |
| 21 | 10101-41-4/ 13397-24-5 | CALCIUM SULFATE DIHYDRATE | Calcium sulfate hydrate |
| 22 | 1333-86-4 | CARBON BLACK | Carbon |
| 23 | General Name | CHLORINATED ETHERS | |
| 24 | 67-66-3 | CHLOROFORM | Trichloromethane |
| 25 | 76-06-2 | CHLOROPICRIN | Methane, trichloronitro |
| 26 | 7790-94-5 | CHLOROSULFONIC ACID | Chlorosulfonic Acid |
| 27 | 18540-29-9 | CHROMIUM COMPOUNDS | Chromium |
| 28 | 61789-40-0 | COCOAMINDOPROPYLBETAIN E | {[3-(Dodecanoylamino)propyl](dimethyl)ammonio} acetate |
| 29 | 7758-99-8 | COPPER SULFATE PENTAHYDRATE | Copper sulfate pentahydrate |

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| 30 | 64-67-5 | DIETHYL SULFATE | Sulfuric acid,diethyl ester |
| 31 | 111-46-6 | DIETHYLENE GLYCOL | 2,2'-oxydiethanol |
| 32 | 28553-12-0 | DIISONONYL PHTHALATE | 1,2-Benzenedicarboxylic acid, diisononyl ester |
| 33 | 117-81-7 | DIOCTYL PHTHALATE | Bis(2-ethylhexyl)phthalate |
| 34 | 77-78-1 | DIMETHYL SULFATE | Dimethyl Sulfate |
| 35 | 56-35-9 | DISTANNOXANE HEXABUTYL | Distannoxane, hexabutyl- |
| 36 | 106-93-4 | ETHYLENE DIBROMIDE | 1,2 Dibromoethane |
| 37 | 107-15-3 | ETHYLENE DIAMINE | ethane-1,2-diamine |
| 38 | 60-00-4 | ETHYLENE DIAMINETETRAACETIC ACID | 2,2',2'',2'''-(ethane-1,2-diyldinitrilo) tetraacetic acid |
| 39 | 107-21-1 | ETHYLENE GLYCOL | 1,2-Ethandiol |
| 40 | 75-21-8 | ETHYLENE OXIDE | Oxirane |
| 41 | 111-30-8 | GLUTARALDEHYDE | Pentanedial |
| 42 | 50-00-0 | FORMALDEHYDE | Formaldehyde |
| 43 | 75-12-7 | FORMAMIDE | Formamide |
| 44 | 118-74-1 | HEXACHLOROBENZENE | Benzene, hexachloro |
| 45 | 67-72-1 | HEXACHLOROETHANE | Ethane, hexachloro |
| 46 | 110-54-3 | HEXANE | n-hexane |
| 47 | 302-01-2 | HYDRAZINE | Hydrazine |
| 48 | 7647-01-0 | HYDROCHLORIC ACID | Hydrochloric acid |
| 49 | 7722-84-1 | HYDROGEN PEROXIDE | Hydrogen peroxide |
| 50 | 67-63-0 | ISOPROPANOL | 2-Propanol |
| 51 | 149-30-4 | MBT | 2(3H)-Benzothiazolethione |
| 52 | 594-42-3 | MERCAPTAN, PERCHLOROMETHYL | Methanesulfonyl chloride, -trichloro |
| 53 | 67-56-1 | METHYL ALCOHOL | Methanol |
| 54 | 74-87-3 | METHYL CHLORIDE | Methane, chloro |
| 55 | 80-62-6 | METHYL METHACRYLATE | 2-(Methoxycarbonyl)-1-propene |
| 56 | 111-90-0 | METHYLDIGLYCOL | Diethylene glycol monoethyl ether; 2-(2-Ethoxyethoxy) ethanol |
| 57 | 75-09-2 | METHYLENE CHLORIDE | Methylene,dichloro |
| 58 | 2385-85-5 | MIREX | |
| 59 | 71-23-8 | N-PROPANOL | 1-propanol |
| 60 | 13138-45-9 | NICKEL (II) NITRATE | Nickel (II) Nitrate |
| 61 | 10101-97-0 | NICKEL SULFATE HEXAHYDRATE | Nickel (II)sulphate hexahydrate |
| 62 | 65-30-5 | NICOTINE SULFATE | Pyridine, 3-(2S-1-methyl-2-Pyrrolidinyl)-, sulfate (2:1) |
| 63 | 144-62-7 | OXALIC ACID | ethandioic acid |
| 64 | 106-89-8 | OXIRANE (CHLOROMETHYL)- | Oxirane, (chloromethyl)- |
| 65 | 87-86-5 | PENTACHLOROPHENOL | Phenol, pentachloro |
| 66 | 127-18-4 | PERCHLOROETHYLENE | Ethene, tetrachloro |
| 67 | 108-95-2 | PHENIC ACID | Phenol |
| 68 | 75-44-5 | PHOSGENE | Carbonyl chloride/ Carbonicdichloride |
| 69 | 10025-87-3 | PHOSPHORUS OXYCHLORIDE | Phosphoric trichloride |
| 70 | 10026-13-8 | PHOSPHORUS PENTACHLORIDE | Phosphorus pentachloro- |
| 71 | 7719-12-2 | PHOSPHORUS TRICHLORIDE | Phosphorus Trichloride |
| 72 | 85-44-9 | PHTHALIC ANHYDRIDE | 1,3- Isobenofurandione |

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| 73 | 59536-65- 1 | POLYBROMINATED BIPHENYLS | |
| 74 | 7757-79-1 | POTASSIUM NITRATE | Nitric acid, potassium salt |
| 75 | 1343-98-2 | PRECIPITATED SILICA | Silicic acid |
| 76 | 75-56-9 | PROPYLENE OXIDE | Oxirane, methyl- |
| 77 | 75-55-8 | PROPYLENEMINE | Aziridine,2-methyl- |
| 78 | 7631-86-9 | SILICA | Silica, amorphous |
| 79 | 7758-19-2 | SODIUM CHLORITE, >40% | Sodium Chlorite |
| 80 | 409-21-2 | SILICON CARBIDE | methylidynesilanide |
| 81 | 7647-15-6 | SODIUM BROMIDE | Sodium bromide |
| 82 | 10332-33-9 | SODIUM PERBORATE MONOHYDRATE | Sodium perborate monohydrate |
| 83 | 108-88-3 | TOLUENE | Benzene, methyl- |
| 84 | 584-84-9 | TOLUENE DIISOCYANATE | Benzene, 2,4-disocyanato-1-methyl- |
| 85 | 95-71-6 | TOLUHYDROQUINONE | 2-Methyl hydroquinone |
| 86 | 79-01-6 | TRICHLOROETHYLENE | Ethene, trichloro |
| 87 | 688-73-3 | TRIBUTYLTIN | |
| 88 | 7782-49-2 | SELENIUM | Selenium |
| 89 | 108-05-4 | VINYL ACETATE | Acetic acid ethenyl ester |
| 90 | 24937-78-8 | VINYL ACETATE ETHYLENE POLYMER | but-3-enoic acid; ethene |
| 91 | 75-01-4 | VINYL CHLORIDE | Chloroethylene |
| 92 | 7733-02-0 | ZINC SULFATE | Sulfuric acid, zinc salt(1:1) |

All importer-distributors, importer-user-manufacturers and user-manufacturer of chemicals listed under the Revised Priority Chemical List (PCL) are hereby required to secure the PCL Compliance Certificate from the DENR through the Online Permitting and Monitoring System (OPMS) of the Environmental Management Bureau (EMB). The following are the requirements for securing the aforesaid Compliance Certificate:

- a. Application Online. (see www.emb.gov.ph)
- b. Notarized Annual Report Form
- c. Safety Data Sheet (GHS format)
- d. DENR Identification Number as Hazardous Waste Generator
- e. Environmental Compliance Certificate
- f. Discharge Permit
- g. Permit to Operate for APCD and/or APSI
- h. Summary of Importation Data (for importers)
- i. Chemical Management Plan (includes storage, handling, disposal, transport, safety and health requirements and environmental controls at the workplace).
- j. Management Operation Flow Chart (Process flow on the usage of the chemical)
- k. Contingency/Emergency Plan (includes response procedure on spills, contact, inhalation, ingestion, transport, fire, etc.)
- l. List of Users/Customers with corresponding projected/required volume. (for importer/distributor; projected for the year, and customers distributed the previous year).
- m. Groundwater/Surface Water Monitoring Results (for user/manufacturer)
- n. Self-Monitoring Report (for user/manufacturers)
- o. Photos of the storage facility/warehouse (photo showing the chemical container and chemical labeling, view of the interior of the storage area, safety equipment, if any).
- p. Basic knowledge posed by the use and release of the chemical (e.g. photocopy of training certificate of PCO related to Chemicals, Safety, Environment and/or training attendance of employees relating to chemical management, safety and environment. Include the number of employees handling the chemical.
- q. Copy of previous PCL Certificate

r. Processing fee of Php1000+ per chemical (Official Receipt)

Also with the revision of the list, the following PCL chemicals subjected to Chemical Control Orders (CCO) shall no longer require PCL Compliance Certificate and comply according to CCO Rules and Regulations:

| No. | Chemical Abstract Services Registry No. | Philippine Inventory of Chemicals and Chemical Substances (PICCS) name | Chemical Abstract Services (CAS) / Index Name |
|-----|---|--|---|
| 1 | | 1,1,1 -TRICHLOROETHANE | |
| 2 | 1332-21-4 | ASBESTOS | Asbestos |
| 3 | 56-23-5 | CARBON TETRACHLORIDE | |
| 4 | General Name | CHLOROFLUORO CARBONS | |
| 5 | 57-12-5 | CYANIDE COMPOUNDS | Cyanide |
| 6 | 9002-83-9 | HALONS | Ether, chlorotrifluoro-homopolymer |
| 7 | 7439-92-1 | LEAD COMPOUNDS | Lead |
| 8 | 7439-97-6 | MERCURY COMPOUNDS | Mercury |
| 9 | 1336-36-3 | POLYCHLORINATED BIPHENYLS | 1,1-Biphenyl chloroderivatives |
| 10 | General Name | HYDROFLUOROCARBON | |

Any violation of the requirements or non-compliance of concerned users, importers and manufacturers with the provisions of this Order shall be imposed the graduated administrative fines for the corresponding violations as prescribed in accordance with the DENR Memorandum Circular No. 2005-003. The previous DENR Administrative Orders (DAO) under DAO 1998-58 and DAO 2005-27 that are inconsistent herewith are deemed repealed, amended or modified accordingly.

This Order shall take effect fifteen (15) days after its publication in a newspaper of general circulation and upon acknowledgment of receipt of a copy hereof by the Office of the National Administrative Register (ONAR).

ROY A. CIMATU
Secretary

Recommending Approval:

ENGR. METODIO U. TURBELLA
Director