



F. No. 08-41/2021-CIR-I
Government of India
कृषि एवं किसान कल्याण मंत्रालय
Ministry of Agriculture & Farmers Welfare
कृषि, सहकारिता एवं किसान कल्याण विभाग
Department of Agriculture, Co-operation & Farmers Welfare
वनस्पति संरक्षण, संगरोध एवं संग्रह निदेशालय
DIRECTORATE OF PLANT PROTECTION, QUARANTINE & STORAGE
केंद्रीय कीटनाशी बोर्ड एवं पंजीकरण समिति
Central Insecticides Board and Registration Committee
एन. एच. 4, फरीदाबाद (हरियाणा)-121001
N.H. IV, FARIDABAD (HARYANA)-121001

Dated: 12th April 2021

PUBLIC NOTICE

Subject: Declaration to be filed by Chemical Industries for taking steps in compliance with provisions of Chemical Weapons Convention Act (CWC), 2000-regarding.

National Authority, Chemical Weapons Convention, Cabinet Secretariat, New Delhi has forwarded compliance requirement and checklist for chemicals covered under CWC with a request that the industries may be made aware of these guidelines to ensure strict compliance with the provisions, by them. (Copy enclosed)

2. Annual Declaration is required to be filed by all Chemical Industries, who are producing/ importing/ exporting Scheduled Chemicals/OCPFs, above than the prescribed limits, as per Chemical Weapons Convention Act, 2000.

3. All stakeholders are advised for taking necessary steps in compliance with the provisions of the Chemical Weapons Convention Act, 2000, without fail, even due to ignorance. For more information the following helpdesks can be contacted:

Help Desk	Contact Person	Mobile No.	Email -id
Hyderabad	Dr. R Narayanan	09788580405	narayanan.icc@gmail.com
Mumbai	Mr. Chintamani Deshmukh	09833920655	cwcccvashi.helpdesk@gmail.com
Vadodara	Mr. Raju Patel	09909029481	cwchelpdesk@iccmil.in

4. This has the approval of Plant Protection Adviser.

Encl: Compliance requirement and checklist
for chemicals covered under CWC

A Kumar
12/4/21

(Ajay Kumar)
Sr. Administrative Officer

Copy to:

1. All Registered Pesticide Associations
2. PPS to Chairman, NACWC, New Delhi
3. PPS to JS(PP), DAC&FW, New Delhi
4. PPS to PPA, Dte. of PPQ&S, NH-IV Faridabad
5. PPS to Secretary (CIB&RC), NH-IV Faridabad
6. IT Cell Hq., Faridabad for uploading on the official website.

Compliance Requirements and Checklist for chemicals covered under CWC

❖ COMPLIANCE REQUIREMENTS:-

Chemical Weapons Convention (CWC) is a universal non-discriminatory, multilateral, Disarmament Treaty that bans the development, production, acquisition, transfer, use and stockpile of all chemical weapons. India is party to the CWC.

The CWC Act, 2000 has been mainstreamed in India to give effect to the CWC and it has come into force on the 1st July, 2005.

Under section 12 of the CWC Act 2000 and Rule 9 of the CWC (Rules) 2016, all declarable facilities belonging to Schedule 2 & 3 categories and other chemical production facilities are required to submit their annual declarations in the prescribed formats prescribed under the Rule 9 of CWC (Rules) 2016.

Failure to comply with above provisions may lead to punishment under the CWC Act 2000, which may extend up to life imprisonment. The useful links on compliance requirements relating to filing of annual declarations are available on the website of NACWC.

Section 17 of the CWC Act 2000 lays down Export or Import to be made in accordance with Export and Import Policy: Section 17 of the CWC Act states that *"No person shall export from, or import into, India a Toxic Chemical or Precursor listed in any of the Schedules 1 to 3 in the Annex on Chemicals to the Convention except in accordance with the provisions of the Export and Import Policy determined by the Central Government from time to time under the Foreign Trade (Development and Regulation) Act, 1992 and the Orders issued thereunder"*

The Checklist with respect to group of chemicals/chemicals, included under Schedule 2 of the CWC and their respective thresholds is Annexure-1(A).

The Checklist with respect to chemicals, included under Schedule 3 of the CWC and their respective thresholds is Annexure-1(B).

The Checklist with respect to chemicals produced by Other Chemical Production Facilities (OCPF), which include Discrete Organic Chemicals (DOC) and Phosphorus, Sulphur, Fluorine (PSF) containing DOCs is placed as Annexure-1(C).

Helpdesks:

In case an entrepreneur or representative of any chemical industrial unit wants to know more information, the following helpdesks can be contacted through e-mail or by telephone:

Help Desk	Contact Person	Mobile Number	e-mail ID
Hyderabad Helpdesk	Dr. R. Narayanan	09788580405	narayanan.icc@gmail.com
Mumbai Helpdesk	Mr. Chintamani Deshmukh	09833920655	cwciiccvasi.helpdesk@gmail.com
Vadodara Helpdesk	Mr. Raju Patel	09909029481	cwchelpdesk@iccmil.in

❖ CHECKLIST

Schedule 2 Chemicals: Annual declarations are required for all plant sites that comprise one or more plant(s) which produced, processed or consumed during any of the previous three calendar years or is anticipated to produce, process or consume in the next calendar year more than respective threshold(s) prescribed. The annual declaration is also required for all those chemical facilities who have exported/imported Schedule 2 chemicals during the previous calendar year. The declaration threshold for chemicals covered under Schedule 2 are as follows:

Chemicals	Annual Declaration Thresholds	
	Weight	Concentration
(1) Amiton: O,O-Diethyl S-[2-(diethylamino)ethyl]phosphorothiolate and corresponding alkylated or protonated salts	100kg	1%
(2) PFIB: 1,1,3,3,3-Pentafluoro-2-(trifluoromethyl)-1-propene	100kg	1%
(3) BZ: 3-Quinuclidinyl benzilate	1kg	1%
(4) Chemicals, except for those listed in Schedule 1, containing a phosphorus atom to which is bonded one methyl, ethyl or propyl (normal or iso) group but not further carbon atoms, e.g. Exemption: Fonofos: O-Ethyl S-phenyl ethylphosphonothiolothionate	1 tonne	30%
(5) N,N-Dialkyl (Me, Et, n-Pr or i-Pr) phosphoramidic dihalides	1 tonne	30%
(6) Dialkyl (Me, Et, n-Pr or i-Pr) N,N-dialkyl (Me, Et, n-Pr or i-Pr)-phosphoramidates	1 tonne	30%
(7) Arsenic trichloride	1 tonne	30%
(8) 2,2-Diphenyl-2-hydroxyacetic acid	1 tonne	30%
(9) Quinuclidin-3-ol	1 tonne	30%
(10) N,N-Dialkyl (Me, Et, n-Pr or i-Pr) aminoethyl-2-chlorides and corresponding protonated salts	1 tonne	30%
(11) N,N-Dialkyl (Me, Et, n-Pr or i-Pr) aminoethane-2-ols and corresponding protonated salts Exemptions: N,N-Dimethylaminoethanol and corresponding protonated salts N,N-Diethylaminoethanol and corresponding protonated salts	1 tonne	30%
(12) N,N-Dialkyl (Me, Et, n-Pr or i-Pr) aminoethane-2-thiols and corresponding protonated salts	1 tonne	30%
(13) Thiodiglycol: Bis(2-hydroxyethyl)sulfide	1 tonne	30%
(14) Pinacolyl alcohol: 3,3-Dimethylbutan-2-ol	1 tonne	30%

Annexure-1(B)

Schedule 3 Chemicals: Annual declarations are required for all plant sites that comprise one or more plants, which produced during the previous calendar year or are anticipated to produce in the next calendar year more than 30 tonnes of a Schedule 3 chemical. The annual declaration is also required for all those chemical facilities who have exported/imported Schedule 3 chemicals, during the previous calendar year. The declaration threshold for chemicals covered under Schedule 3 are as follows:

Chemicals	Annual Declaration Thresholds	
	Weight	Concentration
(1) Phosgene: Carbonyl dichloride	30 tonne	30%
(2) Cyanogen chloride	30 tonne	30%
(3) Hydrogen cyanide	30 tonne	30%
(4) Chloropicrin: Trichloronitromethane	30 tonne	30%
(5) Phosphorus oxychloride	30 tonne	30%
(6) Phosphorus trichloride	30 tonne	30%
(7) Phosphorus pentachloride	30 tonne	30%
(8) Trimethyl phosphite	30 tonne	30%
(9) Triethyl phosphite	30 tonne	30%
(10) Dimethyl phosphite	30 tonne	30%
(11) Diethyl phosphite	30 tonne	30%
(12) Sulfur monochloride	30 tonne	30%
(13) Sulfur dichloride	30 tonne	30%
(14) Thionyl chloride	30 tonne	30%
(15) Ethyldiethanolamine	30 tonne	30%
(16) Methyldiethanolamine	30 tonne	30%
(17) Triethanolamine	30 tonne	30%

Discrete Organic Chemicals and PSF Chemicals: Annual declarations are required for all plant sites that:

- Produced by synthesis during the previous calendar year more than 200 tonnes of unscheduled discrete organic chemicals; or
- Comprise one or more plants which produced by synthesis during the previous calendar year more than 30 tonnes of an unscheduled discrete organic chemical containing the elements phosphorus, sulfur or fluorine (hereinafter referred to as "PSF-plants" and "PSF-chemical")

The declaration thresholds for chemicals covered under OCPF are as follow:

Chemicals	Annual Declaration Thresholds
	Weight
Discrete Organic Chemical: "Discrete organic chemical" is defined as any chemical belonging to the class of chemical compounds consisting of all compounds of carbon except for its oxides, sulfides and metal carbonates, identifiable by chemical name, by structural formula, if known, and by Chemical Abstracts Service (CAS) registry number, if assigned.	200 tonne
PSF Chemical: "PSF-chemical" is defined as an unscheduled discrete organic chemicals containing one or more elements phosphorus, sulfur or fluorine.	30 tonne

Exemptions: OCPF Plant sites that are exempted from making declaration under the CWC are follows:

- Plant sites that produce polymer substances and oligomers consisting of two or more repeating units, and formed by the chemical reaction of monomeric or polymeric substances
- Plant sites that exclusively produce hydrocarbons. However, if the plant site also produces non-hydrocarbon DOCs such as methyl tertiary butyl ether (MTBE) at a refinery, the total production is reportable to the NACWC.
- Plant sites that exclusively produce explosives.
- Breweries, distilleries, and wineries