

**Description of the Chemical Weapons Convention (CWC) Schedule 3 Chemicals**

Item	Name	Nature of the Chemical	Scope of Application	Examples of Common Usage
A	Toxic Chemicals			
(1)	Phosgene	A colourless toxic gas	The chemical has industrial applications.	The chemical is used in synthesis of organic chemicals including the agricultural chemicals.
(2)	Cyanogen chloride	Blood agent	The chemical has industrial applications.	The chemical is used as an industrial fumigant. It is also used in organic synthesis.
(3)	Hydrogen cyanide	Blood agent	The chemical has industrial applications.	The chemical is used as an industrial fumigant. It is also used in organic synthesis.
(4)	Chloropicrin : Trichloronitromethane	An organic chemical containing chlorine	The chemical has industrial applications.	The chemical is used as an industrial fumigant. It is used as a soil sterilant and grain disinfectant. It is also used in organic synthesis.

Item	Name	Nature of the Chemical	Scope of Application	Examples of Common Usage
B	Precursors			
(5)	Phosphorus oxychloride	An inorganic chemical containing phosphorus	The chemical has industrial and pharmaceutical applications.	The chemical is used in organic synthesis and in the manufacture of pesticides, dye intermediates, flame retardant, and pharmaceuticals.
(6)	Phosphorus trichloride	An inorganic chemical containing phosphorus	The chemical has industrial applications.	The chemical is used to produce lubricants and pesticides.
(7)	Phosphorus pentachloride	An inorganic chemical containing phosphorus	The chemical has industrial and scientific applications.	The chemical is used in the manufacture of plastics and pesticides. It is also used as a catalyst and reagent in organic synthesis.
(8)	Trimethyl phosphite	An organic chemical containing phosphorus	The chemical has industrial and scientific applications.	The chemical is used as gasoline additive, and in manufacture of pesticides, paints, and coatings It is also used as a reagent in organic synthesis.
(9)	Triethyl phosphite	An organic chemical containing phosphorus	The chemical has industrial and scientific applications.	The chemical is used as lubricant additive, plasticizer, and in the manufacture of pesticides. It is also used as a reagent in organic synthesis.

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(10)	Dimethyl phosphite	An organic chemical containing phosphorus	The chemical has industrial applications.	The chemical is used in the manufacture of pesticides and organic chemical synthesis. It is also used in flame retardant formulations for textiles.
(11)	Diethyl phosphite	An organic chemical containing phosphorus	The chemical has industrial applications.	The chemical is used as a paint solvent and lubricant additive. It is also used in the manufacture of pesticides and other chemicals.
(12)	Sulfur monochloride	An inorganic chemical containing sulfur	The chemical has industrial and pharmaceutical application.	The chemical is used in gold extraction, wood treatment, and in the manufacture of pesticides, dye, and pharmaceuticals.
(13)	Sulfur dichloride	An inorganic chemical containing sulfur	The chemical has industrial applications.	The chemical is used in organic synthesis, vulcanizing rubber and in the manufacture of pesticides.
(14)	Thionyl chloride	An inorganic chemical containing sulfur	The chemical has industrial and pharmaceutical application.	The chemical is used in organic synthesis, and in the manufacture of plastics, pharmaceuticals, and pesticides.
(15)	Ethyldiethanolamine	A chemical containing nitrogen and alcohol group.	The chemical has industrial applications.	The chemical is used as a solvent and in the manufacture of detergents.

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(16)	Methyldiethanolamine	A chemical containing nitrogen and alcohol group	The chemical has industrial applications.	The chemical is used in organic synthesis, as a pH (i.e. acidity) control agent and a catalyst for the manufacture of polyurethane foams.
(17)	Triethanolamine	A chemical containing nitrogen and alcohol group	The chemical has industrial and scientific applications.	The chemical is used in detergents, emulsifiers and surfactants, and in the manufacture of cosmetics. It is also used as a corrosion inhibitor for lubricants and reagent in chemical testing.

Explanatory note: Blood agent is a toxic chemical that affects bodily functions through action on the oxygen-carrying properties of the blood and interferes with normal transfer of oxygen to bodily tissue (e.g. hydrogen cyanide).