



Product Specification

cdhfinechemical.com

PHOSPHOROUS PENTACHLORIDE FOR SYNTHESIS

PRODUCT CODE	190785
SYNONYMS	--
C.I. NO.	--
CASR NO.	(10026-13-8)
ATOMIC OR MOLECULAR FORMULA	PCl₅
ATOMIC OR MOLECULAR WEIGHT	208.24
PROPERTIES	Fuming, deliquescent crystals, pungent unpleasant odour. Sublimes at about 100°C without melting ,

PCl₅

PARAMETER	LIMIT
Description	White to light yellow powder or crystals.
Solubility	10% soln. in water is clear and bright producing large amount of heat.
Minimum Assay(Acidimetric)	98.0%

Note(s) : Assay (if applicable) method mentioned.

DANGER Hazard statements: Toxic if swallowed. Suspected of damaging fertility. May be corrosive to metals. Causes severe skin burns and eye damage Precautionary statements Prevention: Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Obtain special instructions before use. Wear protective gloves/clothing and eye/face protection. Use personal protective equipment as required. Do not breathe dust or mist. Do not handle until all safety precautions have been read and understood. Response: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. Wash contaminated clothing before reuse. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Absorb spillage to prevent material damage. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. If exposed or concerned: Get medical attention advice. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Specific treatment: refer to Label or MSDS.	IMDG Code : 8/II UN No. : 1806 IATA : 8
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Disposal: The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.

Hazard Pictogram(s) :



GHS05



GHS06



GHS08

Replace Date 27-May-2023