



Product Specification

PHOSPHOROUS TRICHLORIDE FOR SYNTHESIS

PRODUCT CODE	029536
SYNONYMS	--
C.I. NO.	N/A
CASR NO.	7719-12-2
ATOMIC OR MOLECULAR FORMULA	PCl ₃
ATOMIC OR MOLECULAR WEIGHT	137.33
PROPERTIES	Highly irritating and corrosive to skin.

PCl₃

PARAMETER	LIMIT
Description	A clear liquid colour not more Than 20 Hazen odour pungent.
Solubility	Soluble in ether,benzene and carbon tetrachloride.
Minimu assay	99.0%
Wt. per ml at 20°C	1.572 – 1.574 g

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

DANGER

HAZARD STATEMENTS : Fatal if inhaled. Fatal if swallowed. May cause damage to organs through prolonged or repeated exposure by inhalation. Causes severe skin burns and eye damage.

PRECAUTIONARY STATEMENTS :

Prevention : Wear respiratory protection. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Do not breathe dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well ventilated area. Wash thoroughly after handling. Do not breathe dust or mist. Wear protective gloves/clothing and eye/face protection.

Response : IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Wash contaminated clothing before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing. Keep container tightly closed. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician. Specific treatment: refer to Label or MSDS. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Absorb spillage to prevent material damage. Get medical advice/attention if you feel unwell. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower.

Disposal : Aqueous solutions of organic acids should be carefully neutralized with sodium bicarbonate or sodium hydroxide. Check pH, store in container and dispose off.

IMDG Code : 6.1/I

UN No. : 1809

IATA : 6.1

Hazard Pictogram(s) :



Acute toxicity



Aspiration hazard



Corrosive to metals