



Product Specification

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PHOSPHOROUS OXYCHLORIDE FOR SYNTHESIS (MIN. ORDER SHOULD BE FOR 4X500 ML)

PRODUCT CODE	190775	
SYNONYMS	Phosphorus oxide trichloride	
C.I. NO.	N/A	
CASR NO.	10025-87-3	
ATOMIC OR MOLECULAR FORMULA	POCl ₃	POCl₃
ATOMIC OR MOLECULAR WEIGHT	153.33	
PROPERTIES	Pungent odour, Strong irritant to skin and tissue.	
PARAMETER	LIMIT	
Description	Colourless fuming liquid.	
Solubility	2 ml of sample in 20 ml of water is clear & colourless or nearly so.	
Minimum assay(ex Cl / acidimetric)	98.0– 101.0%	
Wt.per ml at 20°C	About 1.67 g	
MAXIMUM LIMIT OF IMPURITIES		
Residue on ignition	0.1%	
Copper (Cu)	0.0005%	
Iron (Fe)	0.001%	
Lead (Pb)	0.002%	

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

DANGER	IMDG Code : 8/II UN No. : 1810 IATA : 8
HAZARD STATEMENTS :Fatal if inhaled. Fatal if swallowed. Causes damage to organs through prolonged or repeated exposure by inhalation. 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. Wear protective gloves/clothing and eye/face protection. Wash thoroughly after handling. Do not breathe dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well ventilated area. Wear respiratory protection. Do not breathe dust or mist. Response :IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Keep container tightly closed. Immediately call a POISON CENTER or doctor/physician. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Wash contaminated clothing before reuse. Get medical advice/attention if you feel unwell. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. Specific treatment: refer to Label or MSDS. Absorb spillage to prevent material damage. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.	
Disposal :The chemical waste should be collected by specialized disposal company. Residue of liquid inorganic halides and " Hydrolysis sensitive" reagents should be carefully stirred a drop at a time into icecooled 10 % sodium hydroxide solution and given to 'specialist disposal company'/disposed of in running water	

Hazard Pictogram(s) :



Replace date 27-May-2023