



Product Specification

cdhfinechemical.com

THIONYL CHLORIDE FOR SYNTHESIS (MIN. ORDER SHOULD BE FOR 4X500 ML)

PRODUCT CODE	242945
SYNONYMS	Sulphuroxychloride
C.I. NO.	N/A
CASR NO.	7719-09-7
ATOMIC OR MOLECULAR FORMULA	SOCl ₂
ATOMIC OR MOLECULAR WEIGHT	118.97
PROPERTIES	--
PARAMETER	LIMIT
Description	Clear ,colourless to slightly yellow liquid.(<50 APHA)
Solubility	10% Solution in water is clear,colourless to slightly yellow with decomposition.
Assay (Argentometric titration)	99.0 - 101 .0%
Wt. per ml at 20°C	About 1.64 g
Note(s) : Assay (if applicable) method mentioned	
DANGER HAZARD STATEMENTS :Toxic if inhaled. Harmful if swallowed. May becorrosive to metals.Causes severe skin burns and eye damage.. PRECAUTIONARY STATEMENTS : Prevention :Wear protective gloves/clothing and eye/face protection. Washhands thoroughly after handling. Avoid breathingdust/fume/gas/mist/vapours/spray. Do not breathe dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well ventilated area.Do not eat, drink or smoke when using this product. Do not breathe dust or mist.Wash thoroughly after handling. Response :IF INHALED: Remove to fresh air and keep at rest in a positioncomfortable for breathing. IF IN EYES: Rinse cautiously with water for severalminutes. Remove contact lenses, if present and easy to do. Continue rinsing. IFSWALLOWED: Rinse mouth. Do NOT induce vomiting. Wash contaminatedclothing before reuse.Keep container tightly closed. Immediately call a POISONCENTER or doctor/physician. Specific treatment: refer to Label or MSDS. If onskin or hair: remove/take off immediately all contaminated clothing. Rinse withwater/shower. Absorb spillage to prevent material damage.Call a POISON CENTER or doctor/physician if you feel unwell	
IMDG Code : UN No. : IATA :	
Disposal:-----	
Hazard Pictogram(s) :-	
  GHS05 GHS06	

Replaced date 22-Nov-2025