



Product Specification

THIONYL CHLORIDE AR

PRODUCT CODE 660235

SYNONYMS

C.I. NO. --

CASR NO. 7719-09-7

ATOMIC OR MOLECULAR FORMULA SOCl_2

ATOMIC OR MOLECULAR WEIGHT 118.97

PROPERTIES --

SOCl_2

PARAMETER LIMIT

Description	Clear ,colourless to slightly yellow liquid.(<50 APHA)
Solubility	10% Solution in water is clear,colourless to slightly yellow with decomposition.
Minimum Assay (Argentometric)	99.5%
Wt. per ml (at 20°C)	1.635 – 1.638 g
Refractive index $(n)_D^{20}$	1.5165 – 1.5175

MAXIMUM LIMIT OF IMPURITY

Iron (Fe) 0.005%

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

DANGER

HAZARD STATEMENTS : Toxic if inhaled. Harmful if swallowed. May be corrosive to metals.Causes severe skin burns and eye damage..

PRECAUTIONARY STATEMENTS :

Prevention : Wear protective gloves/clothing and eye/face protection. Wash hands thoroughly after handling. Avoid breathing dust/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 position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Wash contaminated clothing before reuse.Keep container tightly closed. Immediately call a POISON CENTER or doctor/physician. Specific treatment: refer to Label or MSDS. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. Absorb spillage to prevent material damage. Call a POISON CENTER or doctor/physician if you feel unwell

IMDG Code :
UN No. :
IATA :

Disposal : Add in small quantities to large, stirred excess of water, keeping the final concentration less than 2%. Neutralize with 5% sodium hydroxide soln. and run to waste with large quantities of running water.

Hazard Pictogram(s) :-



Acute toxicity Corrosive to metals