# THIONYL CHLORIDE AR

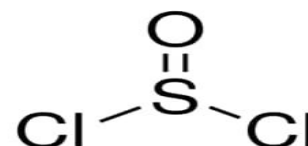| PRODUCT CODE | 660235 |
|---|---|
| SYNONYMS | |
| C.I. NO. | -- |
| CASR NO. | 7719-09-7 |
| ATOMIC OR MOLECULAR FORMULA | $SOCl_2$ |
| ATOMIC OR MOLECULAR WEIGHT | 118.97 |
| PROPERTIES | -- |

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

GHS06          GHS05