

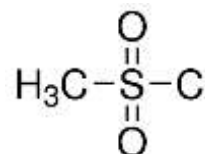


# Product Specification

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## METHANE SULPHONYL CHLORIDE

PRODUCT CODE	029191
SYNONYMS	Mesyl chloride
C.I. NO.	N/A
CASR NO.	124-63-0
ATOMIC OR MOLECULAR FORMULA	CH <sub>3</sub> ClO <sub>2</sub> S
ATOMIC OR MOLECULAR WEIGHT	114.55



### PROPERTIES

PARAMETER	LIMIT
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Description	Clear, colourless to pale yellow liquid.
Solubility	Miscible with methanol.
Minimum Assay (acidimetric)	98.0%
Wt. per ml at 20°C	1.469 - 1.475 g
Refractive Index (n) <sub>D</sub> <sup>20</sup>	1.451-1.452

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

#### HAZARD

**HAZARD STATEMENTS** :Fatal if swallowed. Fatal if inhaled. Causes severe skin burns and eye damage.

#### PRECAUTIONARY STATEMENTS:

**Prevention** :Wear protective gloves/clothing and eye/face protection. Wash hands thoroughly after handling. Wear respiratory protection. 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** :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. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Keep container tightly closed. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF SWALLOWED: 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. Immediately call a POISON CENTER or doctor/physician.

IMDG Code :-6.1/I

UN No. :3246

IATA :6.1

**Disposal** :Acid halides should be neutralized by adding dropwise to an excess of methanol to convert them into corresponding methyl esters. Few drops of hydrochloric acid can be added to accelerate the reaction. Neutralize with 5% sodium hydroxide solution.

Hazard Pictogram(s) :



GHS06



GHS09