



## MATERIAL SAFETY DATA SHEET

CHLOROACETYL CHLORIDE

### SECTION 1- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MSDS Name:  
chloroacetyl chloride

General  
Synonyms : monochloroacetyl chloride, chloracetic chloride s  
Molecular formula :  $C_2H_2Cl_2O$   
CAS No. : 79-04-9  
EINECS No : 201-171-6

Company Information:  
LEONID CHEMICALS  
62/A-2 1st Stage, Yeshwanthpur Industrial Suburb  
Ashokpuram School Road  
Bangalore-560 022, Karnataka, INDIA  
Ph: +91-80-2337 8354, Fax: +91-80-2357 4827

### SECTION 2- COMPOSITION, INFORMATION ON INGREDIENTS

Un Listed

### SECTION 3- HAZARDS IDENTIFICATION

Un Listed

### SECTION 4- FIRST AID MEASURES

Un Listed

### SECTION 5- FIRE FIGHTING MEASURES

Un Listed

### SECTION 6- ACCIDENTAL RELEASE MEASURES

Un Listed

### SECTION 7 - HANDLING and STORAGE

Un Listed

### SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

Un Listed

### SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance : colourless liquid with a pungent odour  
Melting point : -22 C  
Boiling point : 105 - 106 C  
Vapour density : 3.9  
Vapour pressure : Un Listed  
Specific gravity : 1.418  
Flash point : 41 C at 60 mm Hg  
Explosion limits : Autoignition temperature:

---

#### SECTION 10 - STABILITY AND REACTIVITY

---

##### Stability:

Incompatible with strong bases, alcohols, strong oxidizing agents. May decompose on exposure to water or moisture.

---

#### SECTION 11 - TOXICOLOGICAL INFORMATION

---

Harmful by inhalation, ingestion or through skin absorption. Corrosive - causes burns. Very destructive of mucous membranes. Lachrymator. Inhalation may result in spasm. Typical OEL 0.2 mg/m<sup>3</sup>

##### Toxicity Data :

ORL-RAT LD50 208 mg kg<sup>-1</sup>  
IHL-RAT LC50 1000 ppm/4h.  
IVN-MUS LD50 32 mg kg<sup>-1</sup>

##### Risk Phrases:

R20 R21 R22 R34 R37.

---

#### SECTION 12 - ECOLOGICAL INFORMATION

---

Un Listed

---

#### SECTION 13 - DISPOSAL CONSIDERATIONS

---

Un Listed

---

#### SECTION 14 - TRANSPORT INFORMATION

---

UN Major hazard class: 6.1 Packing group:

##### Personal protection

Safety glasses, gloves, adequate ventilation.

##### Safety Phrases :

S9 S26 S45.

---

#### SECTION 15 - REGULATORY INFORMATION

---

Un Listed

---

#### SECTION 16 - OTHER INFORMATION

---

Un Listed