

**GFS CHEMICALS, INC.**

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1-800-424-9300(Chemtrec 24Hr. Info.)

**MATERIAL SAFETY DATA SHEET**

2718

**ALLYL CHLORIDE**

**CHEMICAL NAME & SYNONYMS**

Allyl Chloride; 3-Chloropropene

**DOT CLASS**

3/6.1/I

**SARA TITLE 313**

Yes

**TSCA listed** - Yes

**FORMULA**

ClCH<sub>2</sub>CH=CH<sub>2</sub>

**REPORTABLE QUANTITY**

454 kg

**F.W.**

76.53

**CAS#**

107-05-1

**PHYSICAL DATA**

Boiling point 44-45°C; Density 0.939; Melting point -134°C; Slightly soluble in water; Vapor density 2.64; Vapor pressure 368 mm Hg @ 25°C; 100% volatile.

**APPEARANCE & ODOR**

Clear colorless to amber liquid. Pungent odor.

**REACTIVITY & CONDITIONS TO AVOID**

Stable under normal conditions. Incompatible with acids, bases, oxidizers. Hazardous polymerization may occur. May be sensitive to water and moist air.

**FIRE HAZARDS**

Flammable liquid will emit toxic fumes of hydrogen chloride, carbon monoxide and carbon dioxide. Firefighters wear SCBA. NFPA # 3-3-1.

**EXTINGUISHER**

CO<sub>2</sub>, ABC dry powder, foam, water spray or fog.

**FLASHPOINT**

-29°C

**LEL**

3.2%

**UEL**

11.2%

**HEALTH HAZARDS**

Irritating to the eyes, skin and mucous membranes. Lachrymator. Harmful or fatal if swallowed, inhaled or absorbed through skin. Mist or vapor is irritating. LD<sub>50</sub> (oral-rat) 425 mg/kg; LC<sub>50</sub> (inhal-rat) 11,000 mg/m<sup>3</sup>/2 hours. OSHA PEL/ACGIH TLV: TWA 1 ppm; ACGIH STEL 2 ppm. Symptoms of exposure include burning sensation, coughing, wheezing, laryngitis, shortness of breath, headache, nausea, and vomiting. Confirmed animal carcinogen with experimental carcinogenic and neoplastigenic data. Possibly a human carcinogen.

**FIRST AID**

Remove contaminated clothing immediately and launder before reuse. Discard contaminated shoes. For eyes, flush with plenty of water for at least fifteen minutes. Seek medical attention. For skin, wash thoroughly with soap and water, while removing clothing. Seek medical attention if rash should occur. For inhalation, remove to fresh air. If not breathing give mouth to mouth resuscitation. If breathing is difficult, give oxygen. Seek medical attention at once. For ingestion, if conscious, dilute with milk or water. Do NOT induce vomiting. Get immediate medical attention.

**SPECIAL PRECAUTIONS**

Goggles, rubber gloves, protective clothing are required. Use only with adequate ventilation and/or suitable respiratory protection. Avoid all contact.

**SPILLS & LEAKS**

Ventilate area. Equip personnel with SCBA and full protective clothing. Take up spill in absorbent and dispose to incinerator or other suitable hazardous waste. Wash spill area thoroughly with water after absorbent is picked up.

**CATALOG #**

2718

**PREPARED BY**

MDM

**DATE**

February 9, 2007

Full Warranty and Limitations Statement should be reviewed at [www.gfschemicals.com/terms.asp](http://www.gfschemicals.com/terms.asp).