



## HAZARDS IDENTIFICATION

Permissible exposure limits for product: Not established for product. See Section II.

### ROUTE OF ENTRY AND EFFECTS OF OVEREXPOSURE:

**Route of Entry:** Inhalation and dermal

**Inhalation:** Vapor and mist will irritate nose, throat and respiratory tract. High vapor concentration may cause dizziness, drowsiness and fatigue.

**Eye Contact:** Vapor, mist or liquid is severely irritating to eyes and cause blurred vision, redness and tearing.

**Skin Contact:** Liquid can cause severe skin irritation with drying, defatting, splitting and cracking on repeated contact.

**Ingestion:** Liquid can cause irritation of gastro-intestinal tract followed by nausea and vomiting, abdominal discomfort and rapid pulse.

**Delayed Effects:** Repeated overexposure may cause central nervous systems depression, and kidney/liver damage.

Contains an ingredient listed as known or suspected carcinogen?

NTP: No      OSHA: No      IARC: No

## FIRST AID MEASURES

**EYE CONTACT:** For eye contact, immediately flush eyes for at least 15 minutes with running water. Hold eyelids apart to ensure rinsing of the entire eye surface and lids with water. Get immediate medical attention.

**SKIN CONTACT:** Wipe excess material with dry towel. Then wash exposed areas with plenty of water and soap if available, for several minutes. Get medical attention if irritation occurs.

**INHALATION:** If inhaled, remove from area to fresh air. If not breathing, give artificial respiration. Get immediate medical attention. If breathing is difficult, transport to medical facility and if available, give supplemental oxygen.

**INGESTION:** If swallowed dilute by giving two (2) glasses of water to drink. Get immediate medical attention. Never give anything by mouth to an unconscious person.

**GENERAL:** In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

## FIRE AND EXPLOSION DATA

FLASHPOINT: 60°F 15.55°C      METHOD: Set flash

LEL (%): N/Av      UEL (%): N/Av

**FLAMMABILITY CLASSIFICATION:** Flammable

**FIRE AND EXPLOSION HAZARDS:** Decomposition and combustion products may be hazardous. High temperatures may cause pressure build-up in closed containers. Vapors may accumulate in inadequately ventilated or confined areas. Vapors may form explosive mixture with air. Vapors are heavier than air and may travel long distances. Flashback or flame to the handling site may occur. Closed containers may explode when exposed to extreme heat.

**EXTINGUISHING MEDIA:** Carbon dioxide, dry chemical, foam.

**FIRE FIGHTING PROCEDURES:** Water spray may be ineffective. Cool fire exposed containers with water. Fog nozzles are preferable. Wear NIOSH/MSHA approved self-contained breathing apparatus and complete protective clothing to prevent contact with skin and eyes.

#### ACCIDENTAL RELEASE MEASURES

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** Remove all ignition sources. Wear an air-supplied respirator for an unventilated spill. Cover with absorbent. Scoop into containers using non-sparking tools. Clean up residue with a suitable cleaning solvent. Wear appropriate personal protective equipment (see Section VIII).

#### HANDLING AND STORAGE

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Keep container tightly closed. Isolate from heat, electrical equipment, sparks and flame. Use grounding and bonding procedures during transfer. Do not store above 120°F. Vapors of this product are heavier than air and may collect in low or confined areas. Empty drums may contain explosive vapors. Do not cut, puncture or weld on or near drum. Wear proper personal protective equipment (see Section VIII). Wash thoroughly after handling and before smoking or eating.

#### EXPOSURE CONTROLS/PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Local and/or general ventilation as required to maintain hazardous ingredients below recommended (ACGIH-TLV) or regulated (OSHA-PEL) limits.

**RESPIRATORY PROTECTION:** When spraying or applying in any circumstances likely to produce airborne levels of solvent vapors in excess of the TLV, use an organic vapor cartridge or air supplied respirator.

**EYE PROTECTION:** Chemical goggles or full-face shield

**SKIN PROTECTION:** Solvent resistant gloves.

**GENERAL:** Safety shower, eye wash station and washing facilities should be available. When using in circumstances where skin contact is likely, use complete protection garments.

#### PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE AND APPEARANCE:** Liquid, clear  
**LOW BOILING POINT:** 180°F / 82.21°C  
**HIGH BOILING POINT:** 601°F / 316.08°C  
**EVAPORATION RATE:** Slower than n-butyl acetate  
**VAPOR DENSITY:** Heavier than air  
**% VOLATILES BY VOLUME:** 93.3  
**SPECIFIC GRAVITY:** 0.821  
**LIQUID DENSITY:** lighter than water  
**WEIGHT PER GALLON:** 6.84  
**VOC (GR/L):** N/Av  
**VOC (GR/L, COMBINED):** N/Av

#### STABILITY AND REACTIVITY DATA

**STABILITY:** Stable

**HAZARDOUS POLYMERIZATION:** Will not occur

**INCOMPATIBILITY:** Strong oxidizing agents, acids, alkalis, and water

**CONDITIONS TO AVOID:** See incompatibilities above

**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of carbon and nitrogen, chromium compounds.

#### TOXICOLOGICAL INFORMATION

ACUTE ORAL, DERMAL AND INHALATION EFFECTS (LD50 AND LC50):

CAS NUMBER	LD50	LC50
000067-63-0	4710 mg/kg, oral, rat	17000 ppm, rat, 4hr
000108-88-3	2600 mg/kg, oral, rat	8800 ppm, rat, 4hr
001760-24-3	7460 mg/kg, oral, rat	N/AV
000090-72-2	1200 mg/kg, oral, rat	N/AV

Notice: There is no data available on the product itself.

#### ECOLOGICAL INFORMATION

Notice: There are no data available on the product itself.

#### DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL:** When disposing of this material, ensure that it is packaged, stored, transported and otherwise handled in accordance with local, state and federal regulations. EPA Waste Numbers: D-001 (Ignitable)

#### TRANSPORT INFORMATION

DOT (NON-BULK):

PROPER SHIPPING NAME: PAINT

HAZARD CLASS: 3

UN NUMBER: UN1263

PACKING GROUP: II

LABEL: FLAMMABLE LIQUID

SPECIAL NOTES: NONE

#### OTHER REGULATORY INFORMATION

TSCA SECTION 8(b) – INVENTORY STATUS: All ingredients in this product are listed in the TSCA Inventory or are exempt from listing.

CANADIAN EPA – DSL INVENTORY STATUS: The DSL status of this product is unknown at this time.

SARA TITLE III SECTION 313 – TOXIC CHEMICAL LIST (TCL): This product contains a toxic chemical for routine annual "Toxic Chemical Release Reporting" under section 313 (40 CFR 372). This information must be included in all MSDS's copied or distributed for this product.

000067-63-0 Isopropanol  
000108-88-3 Toluene

SARA TITLE II SECTION 302 – CERCLA: This product contains the following chemicals regulated under Section 302 as extremely hazardous substance(s) for emergency release notification (CERCLA List).

000108-88-3 Toluene

CALIFORNIA PROPOSITION 65 REPORTABLE INGREDIENTS: Chemicals known by the state of CA to cause cancer: This product does not contain any chemicals currently on the California list of known carcinogens.

Chemicals know by the state of CA to cause reproductive toxicity: This product contains the following chemical, which is known to the state of California to cause reproductive toxicity.

000108-88-3 Toluene

TSCA Section 12(b) – Export Notification: This product contains the following chemicals that required annual or one time export notification per chemical and per country.

000067-63-0 Isopropanol

CLEAN AIR ACT: Hazardous Air Pollutants (CAA Section 112): This product contains the following chemicals regulated under Section 112 for National Emission Standards of Hazardous Air Pollutants notification.

000067-56-1 Methyl Alcohol  
000108-88-3 Toluene

PENNSYLVANIA RIGHT TO KNOW – REPORTABLE INGREDIENTS: The following is required composition information. Also, review Section II for additional information for other chemicals.

000067-56-1 Methyl Alcohol  
000067-63-0 Isopropanol  
000107-15-3 Ethylenediamine  
000108-88-3 Toluene

NEW JERSEY RIGHT TO KNOW – REPORTABLE INGREDIENTS: The following is required composition information. Also, review Section II for additional information for other chemicals.

000067-63-0 Isopropanol  
000108-88-3 Toluene