

# SUPPLIER MATERIAL SAFETY DATA SHEET (MSDS)

N/D=Not Determined

N/A=Not Applicable

**Product:** LEMON DEODORANT**Manufacturer:** ESTEAM**Flammability:** 0**Chem. Name:** N/A**Trade Name:** Carpet deodorizer**Reactivity:** 0**Chem. Family:** Mixture**Use:** Carpet deodorizing product**Health:** 1**Protection:**

NFPA LEAST=0, SLIGHT=1, MODERATE=2, HIGH=3, EXTREME=4

**HAZARDOUS INGREDIENTS****CAS #****% WT****HAZARD DATA****EXPOSURE LIMITS (TLV)**

Isopropanol

67-63-0

3-12

LD50 5045 mg/kg (oral-rat)

400 ppm

**PHYSICAL DATA****Physical State:** Liquid**Boiling Point (C):** 100**Solubility in Water:** 100 %**Evaporation Rate:** N/D**Freeze/Thaw****Stable:** Yes**Percent Volatile (vol):** N/D**Odor/ Appearance:** Scented clear liquid**Freezing Point (C):** -5**Ph (undiluted):** 7.7**Specific Gravity:** 1.0**Vapor Pressure:** N/D**FIRE & EXPLOSION HAZARD****Flammability:** N**Means of Extinction:** N/A**Special Procedures:** N/A**Explosion Sensitivity to Impact:** N/A**Chemical Sensitivity to Static Discharge:** N/A**Flashpoint (C) & Method:** N/A**Conditions:** N/A**Hazardous Combustion Products:** N/A**Upper Explosion Limit (% by vol):** N/A**Lower Explosion Limit (% by vol):** N/A**Auto-ignition:** N/A**Rate of Burning:** N/A**Explosive Power:** N/A**TDG/WHMIS:** Non hazardous / D2B**REACTIVITY DATA****Chemical Stability:** Stable**Hazardous Decomposition Product:** N/D**Incompatible Substances:** Oxidizing materials and acids**TOXICOLOGICAL PROPERTIES****Route of Entry - Skin Contact:** Y  
**Route of Entry - Skin Absorption:** N  
**Route of Entry - Eye Contact:** Y  
**Route of Entry - Inhalation:** Y  
**Route of Entry - Ingestion:** Y**Reproductive Effects Y/N:** N  
**Carcinogenicity Y/N:** N  
**Mutagenicity Y/N:** N  
**Teratogenicity Y/N:** N/D  
**TLV:** N/D**Effects of Overexposure:****Acute Effects:**

May cause temporary discomfort to eyes. Ingestion of large quantities may cause vomiting, nausea or diarrhea. No chronic local toxicity as a result of acute local inhalation.

**Chronic Effects:**

Frequent or prolonged exposure may irritate skin.

**PREVENTATIVE MEASURES****Gloves:** Rubber or plastic**Footwear:** N/A**Clothing:** N/A**Eyes:** Goggles with side shield**Respirator:** N/A**Other:** N/A**Recommended Engineered Controls:**

Use with adequate ventilation.

**Leak & Spill Procedures:**

Soak up with inert absorbent. Wash unrecoverable material to a sanitary sewer.

**Waste Disposal Methods:**

According to federal, provincial and municipal regulations.

**Special Handling Procedures:**

Store in a cool, dry place. Keep closed when not in use.

**FIRST AID MEASURES****Inhalation:** Move person to fresh air. If necessary give artificial respiration or oxygen. Call a doctor if in distress.**Ingestion:** Drink large quantities of water and induce vomiting. Contact a physician if discomfort persists.**Eye Contact:** Immediately flush eyes with running water for at least 15 minutes.**Skin Contact:** Flush skin with soap and running water for at least 15 minutes.**Prep./Revised Date:** January 8, 2010**Mailing Address:** Esteam Manufacturing Ltd.**Prepared By:** R. Russell

3750-19th Street NE Calgary, AB T2E 6V2

**Source Material:** Manufacturer's MSDS**Emergency Response:** 1-613-996-6666 (Transport Emergencies)

This information is complete to the best of our knowledge, however, users are encouraged to make their own investigations into the suitability of the information to their particular purposes. READ THE LABEL before using this or any product, and take any necessary precautions, dictated by the label or by common sense to ensure that your health is protected.