

# SUPPLIER MATERIAL SAFETY DATA SHEET (MSDS)

N/D=Not Determined  
N/A=Not Applicable

**Product:** PRO GEL

**Manufacturer:** ESTEAM

**Flammability:** 1

**Reactivity:** 0

**Health:** 1

**Protection:**

**Use:** Spotting agent

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

## HAZARDOUS INGREDIENTS

D-limonene

**CAS #**

5989-27-5

**% WT**

40-60

**HAZARD DATA**

LD50 4400 mg/kg (oral-rat)

**EXPOSURE LIMITS (TLV)**

N/D

## PHYSICAL DATA

**Physical State:** Gel

**Boiling Point (C):** 100

**Solubility in Water:** N/A

**Evaporation Rate:** N/D

**Freeze/Thaw**

**Stable:** Yes

**Percent Volatile (vol):** N/D

**Odor/ Appearance:** Clear, citrus odor

**Freezing Point (C):** -4

**Ph (undiluted):** N/A

**Specific Gravity:** N/D

**Vapor Pressure:** N/D

## FIRE & EXPLOSION HAZARD

**Flammability:** Yes

**Means of Extinction:** Dry chemical, CO2

**Special Procedures:** Self contained breathing apparatus

**Explosion Sensitivity to Impact:** N/A

**Chemical Sensitivity to Static Discharge:** N/D

**Flashpoint (C) & Method:** N/D

**Conditions:** N/A

**Hazardous Combustion Products:** CO, CO2

**Upper Explosion Limit (% by vol):** N/D

**Lower Explosion Limit (% by vol):** N/D

**Auto-ignition:** N/D

**Rate of Burning:** N/D

**Explosive Power:** N/D

**TDG/WHMIS:** Non hazardous / D2B, B2

## REACTIVITY DATA

**Chemical Stability:** Stable under normal conditions

**Hazardous Decomposition Product:** Oxides of carbon

**Incompatible Substances:** Strong oxidizing agents

## 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/D  
**Carcinogenicity Y/N:** N/D  
**Mutagenicity Y/N:** N/D  
**Teratogenicity Y/N:** N/D  
**TLV:** N/D

### Effects of Overexposure:

#### Acute Effects:

Irritant to eyes and skin. Excessive inhalation of vapors may cause nasal and respiratory irritation. If swallowed may cause gastrointestinal irritation.

#### Chronic Effects:

None known

## PREVENTATIVE MEASURES

**Gloves:** Impervious  
**Eyes:** Chemical glasses

**Footwear:** Not normally required  
**Respirator:** Not normally required

**Clothing:** N/A  
**Other:** N/A

### Recommended Engineered Controls:

Use with adequate ventilation.

### Leak & Spill Procedures:

Soak up with inert absorbent and place in appropriate closed container for disposal.

### 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:** Immediately rinse mouth and throat thoroughly with water. Call a physician.

**Eye Contact:** Immediately flush eyes with running water for at least 15 minutes. Contact a physician if irritation persists.

**Skin Contact:** Immediately flush skin with running water for at least 15 minutes. Launder clothing before reuse. If irritation persists get medical attention.

**Prep./Revised Date:** January 15, 2014

**Prepared By:** R. Russell

**Source Material:** Manufacturer's MSDS

**Emergency Response:** 1-613-996-6666 (Transport Emergencies)

**Mailing Address:** Esteam Manufacturing Ltd.  
3750-19th Street NE Calgary, AB T2E 6V2



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.