

MATERIAL SAFETY DATA SHEET

PENETRATING LUBRICANT II

1.0 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER/SUPPLIER:

Chem and Lube
1901 South 12th Street
Allentown, PA 18103-4777

Emergency Spill Information:

1-800-255-3924 Chem-Tel (USA)

Other Product Information:

610-798-9222

2.0 COMPOSITION/INFORMATION ON INGREDIENTS

| <u>Component</u> | <u>CAS #</u> | <u>OSHA PEL (ppm)</u> | <u>ACGIH TLV (ppm)</u> |
|--------------------|--------------|-----------------------|------------------------|
| Monocyclic Terpene | 5989-27-5 | N/E | N/E |
| Isopropyl Alcohol | 67-63-0 | 500 | 400 |

3.0 HAZARDS IDENTIFICATION

Emergency Overview: This product has been evaluated and classified as non-flammable.

Potential Health Effects:

Eye Contact: Possible irritant.

Skin Contact: Prolonged or repeated contact may cause skin defatting.

Inhalation: Inhalation may cause headache, dizziness.

Ingestion: Possible chemical pneumonitis if aspirated into lungs.

HMIS Code: (Health: 1) (Flammability: 1) (Reactivity: 0)

NFPA: (Health: 1) (Flammability: 1) (Reactivity: 0)

4.0 FIRST AID MEASURES

Eye: Flush eyes with plenty of water. Get medical attention if irritation develops.

Skin: Wash exposed skin with soap and water. Get medical attention if irritation develops.

Inhalation: If adverse effects occur, remove to uncontaminated area. Get medical attention.

Ingestion: Do not induce vomiting. Drink two glasses of water, get immediate medical attention.

5.0 FIRE FIGHTING MEASURES

Flashpoint: N/A

Method: P. M. C. C.

UEL: N/E

LEL: N/E

Autoignition Temperature: N/E

Flammability Classification: Non-Flammable.

Extinguishing Media: Foam, dry chemical, carbon dioxide.

5.0 FIRE FIGHTING MEASURES (continued)

Unusual Fire and Explosion Hazards: Do not expose aerosols to temperatures above 130°F or the container may rupture. Provide shielding to protect personnel.

Fire Fighting Equipment: Firefighters should use water fog to cool container to prevent rupturing and bursting.

Hazardous Decomposition Products: Carbon dioxide, carbon monoxide.

6.0 ACCIDENTAL RELEASE MEASURES

Cover with absorbent material and scoop up. Flush area with soap and water to prevent slipping. Incinerate or landfill according to local, state or federal regulations.

7.0 HANDLING AND STORAGE

Handling: Do not puncture or incinerate containers.

Storage: Do not store at temperatures above 130°F

8.0 EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye: None required; however, use of eye protection is good industrial practice.

Skin: Wear solvent resistant gloves. Wash with soap and water after contact.

Inhalation: Use of adequate ventilation is good industrial practice.

9.0 CHEMICAL AND PHYSICAL PROPERTIES

| | |
|---------------------|--------------------------------------------|
| Appearance and Odor | : Clear, oily liquid with Citrus fragrance |
| Vapor Pressure | : PSIG @ 70°F (Aerosols): 80 |
| Vapor Density | : 7.8 |
| Boiling Point | : N/A |
| Evaporation Rate | : N/E |
| Water Reactive | : N/E |
| Solubility | : Negligible |
| Specific Gravity | : 0.87 (water=1) |

10.0 STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid: Open flame, welding arcs, heat, sparks.

Materials to Avoid: Avoid Oxygen and oxidants.

Hazardous Decomposition: Carbon dioxide, carbon monoxide.

11.0 DISPOSAL INFORMATION

Disposal must be in accordance with applicable federal, state, or local regulations. Aerosol cans when vented to atmospheric pressure through normal use, pose no disposal hazard.

Last Revision: 12/18/98