

ENVIROSAFE CHEMICALS CANADA

MATERIAL SAFETY DATA SHEET

SECTION 1-PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER: LIQUID PENETRANT 40 Aerosol

PRODUCT IDENTIFICATION
NUMBER (PIN) PEN40

PRODUCT USE: Synthetic Lubricating and Penetrating Oil

not regulated; Classified "Consumer Commodity"

Manufacturers Name: Envirosafe Chemicals Canada

Address: PO Box 1792 – 10011 Thatcher Avenue

City: North Battleford Province: SK Postal Code: S9A 3W8 Tel: 306-446-0505

SECTION 2-HAZARDOUS INGREDIENTS

| HAZARDOUS INGREDIENTS | % | CAS NUMBER | LD50 OF INGREDIENT (SPECIFY SPECIES AND ROUTE) | LC OF INGREDIENT (SPECIFY SPECIES) | TLV(ACGIH) |
|-----------------------|-------|----------------|---|---------------------------------------|-------------------|
| Mineral Spirits | 50-60 | 6471-100-7 | Oral (Rat)7800mg/kg | Rabbit>4000mg/kg | Not available |
| Petroleum Sulfonate | 10-20 | Non controlled | Oral (rat).5g/kg | Not available | Not available |
| Synthetic EP oil | 10-20 | Non controlled | Oral (Rat)4.68mg/kg | Oral (Rat)5.0mg/kg | 10mg/M3(oil mist) |
| Carbon Dioxide | 10-20 | 125-38-9 | None | None | None |

SECTION 3-PHYSICAL DATA

PHYSICAL STATE: Spray aerosol ODOUR AND APPEARANCE: Brownish green hydrocarbon odour ODOUR THRESHOLD (PPM): Not available

VAPOUR PRESSURE: (mm Hg) (1.9mm of hg @20°C) VAPOUR DENSITY: 5.3 (Air=1) EVAPORATION RATE:<0.1 (AIR=1)

BOILING POINT (°C)°F 171°C (339.8°F) FREEZING POINT(°):Not available pH: Not available

SPECIFIC GRAVITY: Not available COEFF. WATER/OIL DIST.: Not available

SECTION 4-FIRE AND EXPLOSION DATA

FLAMMABILITY: flammable IF YES UNDER WHICH CONDITION? Not available

MEANS OF EXTINCTION: Disperse in water use dry chemicals, foam or water spray FLASHPOINT (°C) AND METHOD:°F Close-up: 43°C (109.4°F)

UPPER FLAMMABLE LIMIT (% BY VOLUME): 6% LOWER FLAMMABLE LIMIT (% BY VOLUME):°C 1%

AUTOIGNITION TEMPERATURE (°C): Not available

HAZARDOUS COMBUSTION PRODUCTS: Hydrocarbon fumes and smoke. Carbon monoxide were combustion is complete

EXPLOSION DATA SENSITIVITY TO IMPACT: Not available

SENSITIVITY TO STATIC DISCHARGE: Not available

SECTION 5 REACTIVITY DATA

CHEMICAL STABILITY: Stable

IF NO UNDER WHICH CONDITION?

INCOMPATIBILITY WITH OTHER SUBSTANCES: oxidizing agents, avoid strong acids.

REACTIVITY, AND UNDER WHAT CONDITIONS: Do not subject aerosol can to impact, can may explode if heated.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon, hydrocarbon, fumes, carbon monoxide and carbon dioxide are produced on combustion.

(CEPA) components of this product are either on the domestic substance list (DSL) or exempt. (TSCA) all ingredients are on the TSCA inventory or are not required to be listed on the TSCA inventory list.

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SECTION 6-TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY:

SKIN CONTACT: x SKIN ABSORPTION: EYE CONTACT:X INHALATION:X INGESTION:X

EFFECTS OF ACUTE EXPOSURE TO PRODUCT: Irritation to skin, eyes may be aggravated by over exposure.

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT: Prolonged and repeated contact with skin can cause drying of skin resulting in irritation.

EXPOSURE LIMITS: Not available IRRITIANCY OF PRODUCT: Eye contact, ingestion, inhalation

SENSITIZATION OF PRODUCT: Not available

CARCINOGENICITY: This material is not considered to be a carcinogen by the National Toxicology program

TERATOGENCITY: No data available REPRODUCTIVE TOXICITY: No data available

MUTAGENICITY: No effects are anticipated SYNERGISTIC PRODUCTS: None known

SECTION 7-PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Not normally required

GLOVES: PVA or latex rubber RESPIRATOR: Dust mask if misty EYE: Chemical splash goggles with extended use.

FOOTWEAR: Rubber boots CLOTHING: As normal OTHER: As normal

ENGINEERING CONTROL (SPECIFY, EG. VENTILATION ENCLOSED PROCESS): General ventilation normally adequate

LEAK AND SPILL PRODUCE: Small spills wipe up material with paper rags or diatomaceous earth, absorb large spills using inert material (floor dry). Dispose of in closed metal waste container

WASTE DISPOSAL: Review Federal, Provincial and Local government requirements prior to disposal.

HANDLING PROCEDURES AND EQUIPMENT: Keep away from heat sources, sparks, flames etc. Do not place in hot water; aerosol may explode with high heat.

STORAGE REQUIREMENTS: Store away from incompatible material, keep in cool dry area away from any heat source

SPECIAL SHIPPING INFORMATION: Not regulated under the transportation of dangerous goods act. Label as "Consumer commodity"

SECTION 8-FIRST AID MEASURES

EYE: Immediately flush with plenty of water for 15 min and contact physician.

SKIN: Wash with soap and water if irritation persists call a doctor.

INHALATION: Remove to fresh air, if irritation persists call a physician.

INGESTION: Do not induce vomiting, contact a doctor immediately never give anything by mouth if victim is unconscious, if conscious give plenty of water call a doctor.

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SECTION 9-ADDITIONAL INFORMATION

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all the Information required by the CPR.

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SECTION 10-PREPARATION DATE OF MSDS

PREPARED BY: ENVIROSAFE TECHNICAL DEPT. PHONE NUMBER: 306-446-0505

DATE: February 1, 2016

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