

# Material Safety Data Sheet

<b>Revision Date</b> February 16 <sup>th</sup> , 2005	<b>Prepared by</b> David MacKinnon	<b>Technical Information</b> 1-800-201-8822 or <a href="mailto:support@mgchemicals.com">support@mgchemicals.com</a>
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## Section 1: Product Identification

**MSDS Code: 8472      Name: Super Penetrating Lubricant**

**Related Part Numbers: 8472-125g**

**Use: Protects against rusting and corrosion, penetrates rusted nuts and bolts for easy removal. Cleans, lubricates and drives out moisture.**

## Section 2: Hazardous Ingredients

CAS#	Chemical Name	Percentage by weight	ACGIH	OSHA	Other	LD 50	LC50
64742-89-8	Light Aliphatic Solvent Naptha	30-60	N/E	N/E	N/E	>5gm/kg (oral – rat)	N/E
75-28-5	Isobutane	7-13	N/A	N/A	N/A	N/A	57 pph/15M Inhal-Rat
74-98-6	Propane	10-40	TLV 2500 ppm	PEL TWA 1000ppm (8H) 1800mg/m3*	N/A	N/A	N/A
64742-46-7	Petroleum distillate	10-40	TLV10 mg/m3 STEL 10mg/m3	5 mg/m3*	N/E	N/A	N/A
5131-66-8	2-Propanol, 1-butoxy-	0.5-1.5	N/A	N/A	N/A	N/A	N/A

## Section 3: Hazards Identification

- Eyes:** Contact with eyes may cause irritation.
- Skin:** May cause skin irritation.
- Inhalation:** May cause respiratory tract irritation, headache, dizziness.
- Ingestion:** May cause digestive tract irritation.
- Chronic:** Prolonged and repeated exposure may cause dermatitis, de-fatting of skin, organ damage, and CNS effects.

## Section 4: First Aid Measure

- Eyes:** Flush with copious amounts of water, or saline if available. Seek medical attention if symptoms develop or persist.
- Skin:** Wash with copious amounts of water with soap if available. Get medical attention if symptoms develop or persist.
- Inhalation:** Immediately remove from exposure to fresh air. Get medical attention if symptoms develop or persist.
- Ingestion:** Do not induce vomiting. Seek medical attention.

## Section 5: Fire Fighting Measures

<b>Autoignition Temperature:</b>	Not available	<b>Flash Point:</b>	LEL / UEL: 1.0/6.0			
<b>Extinguishing Media:</b>	Use dry chemical, carbon dioxide, or chemical foam.					
<b>General Information:</b>	Do not store near open flame or spark. Will burn if involved in a fire. Containers may explode in the heat of a fire. Flashback along vapor trail is possible.					
<b>WHIMIS hazard class</b>	A, B5					
<b>NFPA Ratings:</b>	Health	1	Flammability	2	Reactivity	0
<b>HMIS Ratings:</b>	Health	1	Flammability	2	Reactivity	0

## Section 6: Accidental Release Measures

- Spill Procedure:** Remove all sources of ignition. Provide adequate ventilation. Wear appropriate personal protection. Sprinkle absorbent compound onto spill, then sweep into a plastic or metal container. Wipe up further residue with absorbent material and place in container. Wash spill area with soap and water.

## Section 7: Handling and Storage

- Handling:** Wash thoroughly after handling. Avoid contact with eyes, skin, and clothing. Do not ingest or inhale. Do not expose to heat or flame.
- Storage:** Keep away from sources of ignition. Store in a cool, dry, well-ventilated area, away from incompatible substances.

## Section 8: Exposure Controls

- Routes of entry:** Eyes, ingestion, inhalation, and skin.
- Ventilation:** Use adequate general or local exhaust ventilation to keep airborne concentrations below exposure limits.
- Personal Protection:** Wear appropriate protective eyeglasses or chemical safety goggles. Wear appropriate protective clothing (chemical resistant, impermeable gloves) to prevent skin contact. Use a NIOSH approved respirator when necessary.

## Section 9: Physical and Chemical Properties

<b>Physical State:</b>	Light Amber Aerosol	<b>Odor:</b>	solvent	<b>Solubility:</b>	Negligible	<b>Evaporation Rate:</b>	N/E		
<b>Boiling Point:</b>	N/a	<b>Specific Gravity:</b>	0.84	<b>Vapor Pressure:</b>	105-115	<b>Vapor Density:</b>	> 1	<b>pH:</b>	N/A

## Section 10: Stability and Reactivity



**Stability:** Stable at normal temperatures and pressures.

**Conditions to avoid:** Strong Oxidizing agents.

**Incompatibilities:** See above.

**Polymerization:** None Known.

**Decomposition:** Possible decomposition into Hydrocarbon fumes, and Carbon monoxide where there is incomplete combustion.

### Section 11: Toxicological Information

**Sensitization:** (effects of repeated exposure) Prolonged or repeated skin contact may cause dermatitis.

**Carcinogenicity:** (risk of cancer) No information is available and no adverse effects are anticipated.

**Teratogenicity:** (risk of malformation in an unborn fetus) No information is available and no adverse effects are anticipated.

**Reproductive Toxicity:** (risk of sterility) No information is available and no adverse effects are anticipated.

**Mutagenicity:** (risk of heritable genetic effects) No information is available and no adverse effects are anticipated.

### Section 12: Ecological Information

**General Information:** Avoid runoff into storms and sewers, which lead into waterways. Water runoff can cause environmental damage.

**Environmental Impact Data:** (percentage by weight)

CFC: 0      HFC:      Cl.Solv.: 0      VOC: 0      HCFC: 0      ODP: 0

### Section 13: Disposal Information

**General Information:** Dispose of in accordance with all local, provincial, state, and federal regulations. Water runoff can cause damage to the environment.

### Section 14: Transportation Information

**Ground: (All sizes 4 liters or less)**

Consumer Commodity, ORM-D

**Air:**

Shipper must be trained and certified. Refer to IATA regulations. Must be shipped through a dangerous goods consultant.

**Sea:**

Limited Quantity, UN#1950. Shipper must be trained and certified. Refer to IMDG regulations.

### Section 15: Regulatory Information

**SARA** (Superfund Amendments and Reauthorization Act of 1986, USA, 40 CFR 372.4)

None of the chemicals in this product have a reportable quantity.



**EPCRA** (Emergency Planning and Right to Know Act, USA, 40 CFR 372.45)

This product does not contain any chemicals subject to the reporting requirements of section 313 Title III of the SARA of 1986 and 40 CFR part 372

**TSCA** (Toxic Substances Control Act of 1976, USA)

All substances are TSCA listed.

**CAA** (Clean Air Act, USA)

This product does not contain any class 1 ozone depleters.

This product does not contain any class 2 ozone depleters.

This product does not contain any chemicals listed as hazardous air pollutants.

**California Proposition 65** (Chemicals know to cause cancer or reproductive toxicity, May 1, 1997 revision, USA)

This product does not contain any chemicals listed.

**Health Canada**

Labeling and containers used in this product are listed in compliance with Consumer Chemicals and Container regulations.

**Environment Canada**

Chemicals in this product are listed on the Domestic Substances List in the Canadian Environmental Protection Act

This product does not contain any ozone depleting substances.

**Industry and Science Canada**

Labeling, product identity, net quantity declaration, minimum printing type size heights, and packaging of this product is in compliance with the Consumer Packaging and Labeling Act and Regulations. This product is not slack filled in accordance to chapter 4 prohibitions.

**RoHS** (The restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2004).

This product is RoHS compliant.

## Section 16: Other Information

**Definitions:** n/a = not applicable, n/e = not established

**Disclaimer:** This material safety data sheet is provided as an information resource only. M.G. Chemicals believes the information contained herein is accurate and compiled from reliable sources. It is the responsibility of the user to verify its validity. The buyer assumes all responsibility of using and handling the product in accordance with federal, state, and local regulations.