

# MATERIAL SAFETY DATA SHEET

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GENERAL INFORMATION NUMBER: (414) 354-6417  
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## I - Product Identification

### Cutting & Tapping Fluid

PRODUCT CODE: 8103

CHEMICAL FORMULATION: Pressurized coolant and lubricating oil.

HMIS HAZARD IDENTIFICATION SYSTEM: HEALTH: 1 FLAMMABILITY: 2 PHYSICAL HAZARD: 0  
HAZARD RATING: 4 - Extreme; 3 - High; 2 - Moderate; 1 - Slight; 0 - Insignificant

## II - Hazardous Ingredients

Values reported as TWA unless noted.

SUBSTANCE	APPROX	OSHA	ACGIH	EPA 40 CFR:			CAS #
	%	PEL	TLV	302	355	372	
Propane	8.0-10.0	1000 ppm	1000 ppm	N	N	N	74-98-6
Chlorinated Paraffin	3.0-5.0	N/E	N/E	N	N	N	63449-39-8

Key: PEL: Permissible Exposure Limit TLV: Threshold Limit Value C: Ceiling level STEL: Short Term Exposure Limit  
N/A: Not Applicable N/D: Not Determined N/E: Not Established Y: Yes N: No  
302: CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4).  
355: SARA TITLE III / List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355).  
372: SARA TITLE III / List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372).

## III - Physical Data

BOILING POINT (°F): N/D SPECIFIC GRAVITY (WATER = 1): 0.84  
VAPOR PRESSURE (psig): 50-70 @ 70°F VOC CONTENT (% by weight): <10  
VAPOR DENSITY (AIR = 1): N/D EVAPORATION RATE (WATER = 1): N/D  
SOLUBILITY IN WATER: Negligible pH: N/A  
APPEARANCE AND ODOR: Amber liquid aerosol; no odor.

## IV - Fire and Explosion Hazard Data

FLASH POINT (°F): -156 (propellant) (TEST METHOD): FLAME EXTENSION: N/D  
FLAMMABLE LIMITS IN AIR (VOLUME %) (PROPELLANT) UPPER: N/D LOWER: N/D  
EXTINGUISHING MEDIA: Water. Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2). NFPA 30B Rating: 1  
SPECIAL FIRE FIGHTING PROCEDURES: Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear including self-contained breathing apparatus.  
UNUSUAL FIRE AND EXPLOSION HAZARD: May produce toxic fumes when heated. Exposure to temperatures above 120 °F can cause cans to burst.

### V - Reactivity Data

**STABILITY:** Stable.

**INCOMPATIBILITY:** Strong oxidizing agents.

**CONDITIONS TO AVOID:** Keep away from heat, direct sunlight, open flames or sparks..

**HAZARDOUS DECOMPOSITION PRODUCTS:** No hazardous decomposition products are known.

**HAZARDOUS POLYMERIZATION:** Will not occur.

### VI - Health Hazard Data

**ROUTES OF ENTRY      INHALATION:** X      **EYE CONTACT:** X      **SKIN CONTACT:** X      **INGESTION:** X  
**INGREDIENTS THAT ARE CONSIDERED BY OSHA, NTP, IARC TO BE SUSPECTED HUMAN CARCINOGENS:** None

#### EFFECTS OF OVEREXPOSURE

**IF IN EYES:** Health injuries are not known or expected under normal use.

**IF ON SKIN:** Health injuries are not known or expected under normal use.

**IF SWALLOWED:** Exposure by ingestion of an aerosol is unlikely.

**IF INHALED:** Intentional misuse by concentrating and inhaling the product can be harmful or fatal.

#### EMERGENCY AND FIRST AID PROCEDURES

**IF IN EYES:** Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.

**IF ON SKIN:** Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash skin with soap and water. Wash clothing separately before reuse. Obtain medical attention.

**IF SWALLOWED:** Do not induce vomiting without advice from poison control center. If ingestion of a large amount does occur, call a poison control center immediately.

**IF INHALED:** Remove person to fresh air. If not breathing, administer artificial respiration. If breathing is difficult, give oxygen. Obtain medical attention.

**NOTE TO PHYSICIAN:** Product contains approximately 80% petroleum distillate.

### VII - Spill or Leak Protection

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** Ventilate area. Extinguish all sources of ignition. Soak up spilled material with inert absorbent material and place in a labeled closed container.

**WASTE DISPOSAL METHOD:** Consult local environmental authorities. Dispose of cans in non-incinerated trash.

### VIII - Special Protection Information

**RESPIRATORY PROTECTION:** Use with adequate ventilation. Do not breathe vapors or mists. Do not breathe vapors or mists. If recommended Exposure Limits are exceeded, wear a NIOSH approved respirator, following the manufacturer's recommendations.

**VENTILATION              LOCAL:** Recommended

**MECHANICAL:** Not required

**PROTECTIVE GLOVES:** Chemical resistant.

**EYE PROTECTION:** Safety glasses.

**OTHER PROTECTIVE EQUIPMENT:** Protective clothing.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Store in a cool, dry place away from heat, sparks or open flame. Intentional misuse by deliberately concentrating and inhaling may be harmful or fatal. Do not expose to direct sunlight or store at temperatures above 120 F.

**OTHER PRECAUTIONS:** Keep out of reach of children. Do not puncture or incinerate can.

### IX - Transportation Information (ground transportation only)

**DOT ID NUMBER:** None

**DOT PROPER SHIPPING NAME:** Consumer Commodity

**DOT CLASS:** ORM-D

**DOT PACKING GROUP:** None

The shipping information listed above applies only to non-bulk (< 119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging, product properties, & mode of shipment. If any alteration of packaging, product, or mode of transportation is further intended, different shipping names and labeling may apply.

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