

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION AND USE

Product Identifier: DI-LUBE
Product Use: CUTTING AND TAPPING LUBRICANT
Supplier: SHARE CANADA
Address: 1691 CHURCH AVENUE, WINNIPEG, MANITOBA R2X 2Y7
Telephone Number: (204) 633-8553 Fax: (204) 633-8453 CANUTEC: (613) 996-6666

SECTION II - HAZARDOUS INGREDIENTS

Ingredient	CAS Number	Weight %	OSHA PEL	ACGIH TLV
Hydrotreated Light Naphthenic Oil	67472-53-6	55 - 60 %	Not available.	Not available.
Naphthenic Distillate Heavy (as oil mist)	67471-96-4	5 - 10%	5 mg/m ³	5 mg/m ³
White Mineral Oil	8042-47-5	15 - 25 %	Not available.	Not available.
Propane	74-98-6	5 - 10 %	Not available	800 ppm

SECTION III - PHYSICAL DATA

Physical State: AEROSOL LIQUID
Specific Gravity (20°C): 1.00
pH: Not available.
Vapour pressure (psig): 115 @85 °C. Vapour density (air = 1): > 1.00
Odour and appearance: BLACK / DARK AMBER LIQUID, SOLVENT ODOUR
Odour threshold: Not available.
Evaporation rate (water = 1): Not available. % volatile by volume: 9.0
Solubility in water: INSOLUBLE
Boiling point (C°): Not available. Freezing point (C°): Not available.
Coefficient of water/oil distribution: Not available.

SECTION IV - FIRE AND EXPLOSION DATA

Flammable or combustible: FLAMMABLE AEROSOL. Flash point (C°): Not available.
Upper flammable limit: 9.2 Lower flammable limit: 1.8
Flammability classification: NFPA 30B Rating: Autoignition temperature: Not available.
Conditions of flammability: EXPOSURE TO TEMPERATURES ABOVE 50° C MAY CAUSE CANS TO BURST. Special fire fighting procedures: COOL FIRE-EXPOSED CONTAINERS WITH WATER FOG. FIREFIGHTERS SHOULD WEAR FULL PROTECTIVE GEAR AND SELF-CONTAINED BREATHING APPARATUS.
Means of extinction: WATER, FOAM, CARBON DIOXIDE, DRY CHEMICAL.
Hazardous production products: MAY PRODUCE TOXIC FUMES WHEN HEATED.
Sensitivity to mechanical impact: Not sensitive. Sensitivity to static discharge: Not sensitive.

SECTION V - REACTIVITY DATA

Is the product stable? STABLE
Conditions of reactivity: KEEP AWAY FROM HEAT, DIRECT SUNLIGHT, OPEN FLAMES AND SPARKS. DROPPING OF CONTAINERS MAY CAUSE BURSTING.
Incompatible substances: STRONG OXIDIZING AGENTS.
Hazardous decomposition products: THERMAL DECOMPOSITION MAY PRODUCE CARBON MONOXIDE AND ADDITIONAL TOXIC CHEMICALS IN SMALL AMOUNTS.

SECTION VI - TOXICOLOGICAL PROPERTIES

WHMIS CLASSIFICATION: CLASS B FLAMMABLE AEROSOL.CLASS D 1 B- IMMEDIATE AND SERIOUS TOXIC EFFECTS.

Primary routes of exposure: SKIN AND EYE CONTACT, INHALATION. INGESTION UNLIKELY.

Acute effects of overexposure: EYES: MAY BE IRRITATING.

SKIN: MAY CAUSE REDNESS AND IRRITATION.

INHALATION: MAY CAUSE DIZZINESS AND DROWSINESS.

INGESTION: MAY RESULT IN VOMITING WHICH COULD RESULT IN ASPIRATION PNEUMONITIS.

Chronic effects: MAY CAUSE PERIPHERAL NERVOUS SYSTEM DISORDER AND/OR DAMAGE.

Exposure limits: SEE SECTION II FOR INGREDIENT EXPOSURE LIMITS

Irritant: SKIN, EYE AND RESPIRATORY TRACT IRRITANT.

Sensitizer: NOT KNOWN TO BE A SENSITIZER. **Carcinogen:** NO – IARC, OSHA AND NTP

Mutagen: NOT KNOWN TO BE A MUTAGEN

SECTION VII - PREVENTION MEASURES

Gloves: CHEMICAL RESISTANT GLOVES	Respirator: WEAR A NIOSH APPROVED RESPIRATOR IF LIMITS ARE EXCEEDED.	Eye protection: SAFETY GLASSES
Footwear: NO SPECIAL REQUIREMENTS.	Clothing: PROTECTIVE CLOTHING TO PREVENT SKIN CONTACT.	Other: EMERGENCY SHOWER AND EYE WASH STATION.

Engineering controls: LOCAL VENTILATION RECOMMENDED.

Respiratory protection: USE ONLY WITH ADEQUATE VENTILATION. DO NOT BREATHE VAPOURS OR SPRAY MIST.

Leak and spill procedures: VENTILATE AREA. EXTINGUISH ALL SOURCES OF IGNITION. SOAK UP SPILLED MATERIAL ON ABSORBENT MATERIAL AND PLACE IN A LABELED, CLOSED CONTAINER.

Waste disposal: CONSULT LOCAL ENVIRONMENTAL AUTHORITIES. DISPOSE OF CANS IN NON-INCINERATED TRASH.

Handling and storage requirements: STORE IN A COOL, DRY PLACE AWAY FROM HEAT, SPARKS AND OPEN FLAME. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE. KEEP OUT OF THE REACH OF CHILDREN. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING MAY BE HARMFUL OR FATAL. DO NOT EXPOSE TO DIRECT SUNLIGHT OR STORE AT TEMPERATURES ABOVE 50°C.

Special shipping information: CONSUMER COMMODITY.

SECTION VIII - FIRST AID MEASURES

Skin contact: FLUSH WITH WATER FOR AT LEAST 15 MINUTES REMOVING CONTAMINATED CLOTHING AND SHOES. WASH SKIN WITH SOAP AND WATER IF IRRITATION PERSISTS, OBTAIN MEDICAL ATTENTION. WASH CLOTHING SEPARATELY BEFORE RE-USE.

Eye contact: FLUSH EYES AND UNDER EYELIDS WITH PLENTY OF COOL WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, OBTAIN MEDICAL ATTENTION.

Inhalation: REMOVE PERSON TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE OXYGEN. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. OBTAIN MEDICAL ATTENTION.

Ingestion: CONTACT PHYSICIAN OR POISON CONTROL CENTRE IMMEDIATELY. DO NOT INDUCE VOMITING. IF SPONTANEOUS VOMITING OCCURS SPONTANEOUSLY, ASPIRATION (BREATHING) OF VOMITUS INTO THE LUNGS MAY BE AVOIDED BY KEEPING THE VICTIM'S HEAD BEFORE THE HIPS.

Note to physician: PRODUCT CONTAINS APPROXIMATELY 80% PETROLEUM DISTILLATE.

SECTION IX - PREPARATION DATA

Information sources: MANUFACTURER'S MSDS

Prepared by: SHARE CANADA

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