

**A1: Company Identification**

**METALON PRODUCTS – A division of Professional Products of Canada Inc.**  
 2624 Royal Windsor Drive, Unit 7, Mississauga, Ontario, L5J 1K7  
 Fax: (905) 855-9900 Tel: (905) 855-4826 Emergency No. (613) 996-6666

**A2: Chemical Product**

**METALON DOWN HOLE TOOL OIL**

PRODUCT NAME	METALON DOWN HOLE TOOL OIL
CHEMICAL FORMULA	COMPLEX LUBRICANT/METAL CONDITIONER
PRODUCT FAMILY	ANTI-WEAR FRICTION FIGHTER
MATERIAL USE	MECHANICAL/METAL SURFACES
T.D.G. CLASSIFICATION	NOT REGULATED

**B: Composition/Information on Ingredients** **C: Hazards Identification**

<i>Hazardous Ingredients</i>	<i>%</i>	<i>T.L.V.</i>	<i>C.A.S. #</i>	<i>LD/50 Route, Species</i>	<i>LC/50 Route, Species</i>
HYDRO-TREATED LIGHT DISTILLATE	1-3	300 ppm	64742-47-8	8000 mg/kg, ORAL-RAT	>2500 ppm/4H INH-RAT
CHLORO ALKANES	1-4	5 mg/m3	63449-39-8	>4 g/kg ORAL	NOT AVAILABLE
NAPHTHENIC OIL, NOT REGULATED	3-5	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE
SYNTHETIC HYDROCARBONS	50-90	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT AVAILABLE

**D: First Aid Measures**

SKIN CONTACT	WASH AFFECTED AREA, REMOVE CONTAMINATED CLOTHING. IF IRRITATION PERSISTS, CONSULT A DOCTOR.
EYE CONTACT	FLUSH EYES WITH LARGE QUANTITIES OF WATER FOR AT LEAST 15 MINUTES; GET MEDICAL ATTENTION.
INHALATION	REMOVE VICTIM TO FRESH AIR. IF VICTIM IS NOT BREATHING, BEGIN ARTIFICIAL RESPIRATION IMMEDIATELY. GET IMMEDIATE MEDICAL ATTENTION.
INGESTION	DILUTE WITH LARGE QUANTITIES OF WATER. DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL ATTENTION.

**E: Fire Fighting Measures**

FLAMMABILITY IF YES, UNDER WHICH CONDITIONS? MEANS OF EXTINGUISHING? SPECIAL PROCEDURES	NOT APPLICABLE NOT APPLICABLE. WATER FOG, CARBON DIOXIDE, DRY CHEMICAL, FOAM KEEP STORAGE CONTAINERS COOL IN FIRE VICINITY FIREFIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING
FLASH POINT °C (°F)	NONE
AUTO IGNITION TEMPERATURE	NOT AVAILABLE
UPPER EXPLOSION LIMIT	NOT APPLICABLE
LOWER EXPLOSION LIMIT	NOT APPLICABLE
HAZARDOUS COMBUSTION PRODUCTS	OXIDES OF CARBON
SENSITIVITY TO STATIC DISCHARGE	NO
SENSITIVITY TO IMPACT	NO, NOT UNDER NORMAL HANDLING CONDITIONS

**F: Accidental Release Measures**

LEAK/SPILL	SMALL SPILLS	STOP FLOW, CONTAIN MATERIAL, COLLECT IN PROPER CONTAINERS. REMOVE ALL SOURCES OF IGNITION. PROVIDE ADEQUATE VENTILATION.
------------	--------------	--

**G: Handling and Storage**

HANDLING PROCEDURES & EQUIPMENT	HANDLE AN OPEN CONTAINER WITH CARE. HANDLE AWAY FROM ALL SOURCES OF IGNITION. AVOID SMOKING. KEEP CONTAINER CLOSED.
STORAGE NEEDS	KEEP AWAY FROM HEAT AND FLAME. KEEP FROM FREEZING. STORE AT ROOM TEMPERATURE IN WELL VENTILATED AREA.

**H: Exposure Controls / Personal Protection**

PROTECTIVE EQUIPMENT	
GLOVES/TYPE	WEAR NEOPRENE GLOVES IF DIRECT CONTACT IS LIKELY
RESPIRATORY/TYPE	WEARING OF NIOSH MASK APPROVED FOR ORGANIC VAPORS OR (SCBA), IF APPROPRIATE
EYE/TYPE	SPLASH-PROOF SAFETY GOGGLES
FOOTWEAR/TYPE	SAFETY BOOTS PER LOCAL REQUIREMENTS
CLOTHING/TYPE	WEAR ADEQUATE PROTECTIVE CLOTHES
OTHER/TYPE	EMERGENCY SHOWER AND EYE WASH STATION SHOULD BE IN CLOSE PROXIMITY TO WORK AREA
ENGINEERING CONTROLS	LOCAL EXHAUST AT POINTS OF EMISSION

**A1: Company Identification**

**METALON PRODUCTS – A division of Professional Products of Canada Inc.**  
**2624 Royal Windsor Drive, Unit 7, Mississauga, Ontario, L5J 1K7**  
**Fax: (905) 855-9900 Tel: (905) 855-4826 Emergency No. (613) 996-6666**

**A2: Chemical Product**

**METALON DOWN HOLE TOOL OIL**

**I: Physical and Chemical Properties**

PHYSICAL STATE	LIQUID	EVAPORATION RATE	NOT AVAILABLE
ODOR/APPEARANCE	MILD ODOR/AMBER, CLEAR	FREEZING POINT	NOT AVAILABLE
ODOR THRESHOLD	NOT AVAILABLE	SPECIFIC GRAVITY	1.015
VAPOR DENSITY (AIR=1)	NOT AVAILABLE	ph	NOT AVAILABLE
VAPOR PRESSURE	NOT AVAILABLE	BOILING POINT	NOT AVAILABLE
VOLATILES: % BY VOLUME	NOT AVAILABLE	SOLUBILITY IN WATER (20 °C)	INSOLUBLE
% BY WEIGHT	NOT AVAILABLE	COEFFICIENT WATER/OIL DIST	NOT AVAILABLE

**J: Stability and Reactivity**

CHEMICAL STABILITY	YES. PRODUCT IS STABLE. HAZARDOUS POLYMERIZATION WILL NOT OCCUR.
COMPATIBILITY WITH OTHER SUBSTANCES	YES
REACTIVITY, WHAT CONDITIONS?	NO. WHICH PRODUCTS? STRONG OXIDIZERS AND REDUCING AGENTS
HAZARDOUS PRODUCTS OF DECOMPOSITION	EXCESSIVE HEAT, STRONG OXIDIZERS, ACIDS AND BASES OXIDES OF CARBON.

**K: Toxicological Information**

ROUTE OF ENTRY: SKIN CONTACT SKIN ABSORPTION EYE CONTACT INHALATION	POSSIBLE IRRITATION LOW ORDER OF TOXICITY IRRITATION VAPORS MAY CAUSE RESPIRATORY TRACT IRRITATION, NAUSEA, HEADACHE AND DIZZINESS.
INGESTION	MAY CAUSE NAUSEA, VOMITING, DIARRHEA, CENTRAL NERVOUS SYSTEM DEPRESSION.
EFFECTS OF CHRONIC EXPOSURE	CONJUNCTIVITIS, TRACHEITIS, DERMATITIS, NARCOSIS.
EFFECTS OF ACUTE EXPOSURE	NO EVIDENCE OF ADVERSE EFFECTS
LD/50 OF MATERIAL, SPECIES & ROUTE	SEE SECTIONS (B) & (C)
LC/50 OF MATERIAL, SPECIES & ROUTE	SEE SECTIONS (B) & (C)
EXPOSURE LIMIT OF MATERIAL	SEE SECTIONS (B) & (C)
IRRITATION CAUSED BY MATERIAL	SEE EFFECTS OF ACUTE EXPOSURE, SEE ROUTE OF ENTRY
SENSITIZING CAPABILITY OF MATERIAL	IN SUSCEPTIBLE INDIVIDUALS
CARCINOGENICITY OF MATERIAL	NONE KNOWN
REPRODUCTIVE EFFECTS	NONE KNOWN
MUTAGENICITY	NONE KNOWN
TERATOGENICITY	NONE KNOWN
SYNERGISTIC MATERIALS	NONE KNOWN

**L: Ecological Information**

LEAK/SPILL	LARGE SPILLS:	PREVENT RUN-OFF INTO DRAINS, SEWERS AND WATERWAYS. WEAR PROTECTIVE EQUIPMENT TO PROTECT AGAINST HAZARDS & DISPOSE AS PER APPROVED LOCAL WASTE DISPOSAL METHOD. FOLLOW INSTRUCTIONS FOR SMALL SPILLS
------------	---------------	---

**M: Disposal Considerations**

WASTE DISPOSAL, METHOD & EQUIPMENT	IN ACCORDANCE WITH MUNICIPAL, PROVINCIAL AND FEDERAL REGULATIONS.
------------------------------------	---

**N: Transport Information**

T.D.G. CLASSIFICATION:	NOT REGULATED
------------------------	---------------

**O: Regulatory Information**

THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CPR AND THE MSDS CONTAINS ALL THE INFORMATION REQUIRED BY THE CPR.

**P: Other Information**

**NOTE: This information and data are based on tests, reports and research we believe to be accurate and reliable. It is provided herein without warranty, guarantee or liability on our part, and are therefore provided to customers for their own investigation, verification and consideration.**