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| 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 M | | | | | | |
| PRODUCT NAME | METALON M | | | | | |
| CHEMICAL FORMULA | COMPLEX LUBRICANT/CLEANER | | | | | |
| 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 | |
| | Hazardous Ingredients | % | T.L.V. | C.A.S. # | LD/50 Route, Species | LC/50 Route, Species |
| | HYDRO-TREATED LIGHT DISTILLATE | 10-30 | 300 ppm | 64742-47-8 | 8000 mg/kg, ORAL-RAT | >2500 ppm/4H INH-RAT |
| | CHLORO ALKANES | 10-40 | 5 mg/m3 | 63449-39-8 | >4 g/kg ORAL | NOT AVAILABLE |
| | NAPHTHENIC OIL, NOT REGULATED | 30-50 | NOT APPLICABLE | NOT APPLICABLE | NOT APPLICABLE | NOT APPLICABLE |
| 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) | >94 °C (202 °F) | | | | | |
| 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 | WEAR NEOPRENE GLOVES IF DIRECT CONTACT IS LIKELY | | | | | |
| GLOVES/TYPE | WEARING OF NIOSH MASK APPROVED FOR ORGANIC VAPORS OR (SCBA), IF APPROPRIATE | | | | | |
| RESPIRATORY/TYPE | SPLASH-PROOF SAFETY GOGGLES | | | | | |
| EYE/TYPE | SAFETY BOOTS PER LOCAL REQUIREMENTS | | | | | |
| FOOTWEAR/TYPE | WEAR ADEQUATE PROTECTIVE CLOTHES | | | | | |
| CLOTHING/TYPE | EMERGENCY SHOWER AND EYE WASH STATION SHOULD BE IN CLOSE PROXIMITY TO WORK AREA | | | | | |
| OTHER/TYPE | LOCAL EXHAUST AT POINTS OF EMISSION | | | | | |
| ENGINEERING CONTROLS | | | | | | |

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| A2: | Chemical Product | | |
| METALON M | | | |
| 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 APPLICABLE |
| 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 APPLICABLE |
| J: | Stability and Reactivity | | |
| CHEMICAL STABILITY | YES. PRODUCT IS STABLE. HAZARDOUS POLYMERIZATION WILL NOT OCCUR | | |
| COMPATIBILITY WITH OTHER SUBSTANCES | NO. WHICH CONDITIONS? 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. | | | |