



I - PRODUCT IDENTIFICATION AND USE				MSDS ID: 0740	
PRODUCT NAME: FRIGI-LUBE					
USE: Very Low Temperature Track Lubricant					
SUPPLIER: JohnsonDiversey Canada, Inc. 2401 Bristol Circle Oakville Ontario, L6H 6P1, Canada			EMERGENCY PHONE: 1-800-668-7171		
WHMIS CLASSIFICATION: D2B CHEMICAL FAMILY: Alcohol			TRADE NAME / SYNONYMS: not applicable CHEMICAL NAME: not applicable		
II - HAZARDOUS INGREDIENTS					
HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species	
Propylene glycol	40-70	000057-55-6	LD50 20000 mg/kg	oral/rat	
III - HANDLING AND DISPOSAL PROCEDURES					
PERSONAL PROTECTIVE EQUIPMENT: Gloves: not required Eye: safety glasses Footwear: not required Respiratory: Not required Other: not applicable					
SPECIAL HANDLING PROCEDURES AND EQUIPMENT: not applicable					
VENTILATION REQUIREMENTS: mechanical exhaust					
INCOMPATIBILITY (Material to Avoid): oxidizing materials					
SPILL PROCEDURES: Contain the spill. Do not allow the spilled product to go to drain. Mop up or soak up with absorbent clay for disposal.					
WASTE DISPOSAL: Dispose according to municipal, provincial, and federal regulations.					
STORAGE / SHIPPING REQUIREMENT: Store in a cool dry area in a closed container.					
IV - PHYSICAL PROPERTIES					
APPEARANCE / ODOUR: Clear blue liquid					
S.G. / BULK DENSITY(g/cc): 1.04			pH: 7.8 - 8.5		
VAPOUR PRESSURE (mmHg): not applicable			VAPOUR DENSITY (air=1): not applicable		
ODOUR THRESHOLD: not available			BOILING POINT: not available		
FREEZING POINT: -40°C			PERCENT VOLATILE: 45%		
SOLUBILITY IN WATER: soluble			EVAPORATION RATE (water=1): not applicable		
V - TOXICOLOGICAL PROPERTIES					
EFFECTS OF ACUTE EXPOSURE TO MATERIAL: EYES: May cause mild irritation. SKIN: Prolonged or repeated contact may make skin soft and tender. INGESTION: No adverse effects. INHALATION: No adverse effects.					
LD50 (calculated): 36,000 mg/kg			LC50 (calculated): Not available		
OTHER TOXIC EFFECTS: Propylene glycol: AIHA-WEEL 50 ppm					

EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: not available

VI - FIRST AID MEASURES

EYES: Flush eyes with plenty of water for at least 15 minutes. Hold eyelids open while rinsing. Contact a physician.

SKIN: Flush affected area thoroughly with water. If irritation develops, contact a physician.

INGESTION: Drink large volumes of water. Never give anything by mouth to an unconscious patient. If large volumes are swallowed, induce vomiting. Contact a physician.

INHALATION: Remove patient to fresh air.

VII - FIRE AND EXPLOSION DATA

FLAMMABLE: No

FLASH POINT, °C: not applicable

AUTO IGNITION TEMPERATURE, °C: N/Av

EXTINGUISHING MEDIA: Water [x] Dry Chemical [x] Carbon Dioxide [x] Foam [x] Other []

SPECIAL FIRE FIGHTING PROCEDURES: none

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon.

EXPLOSIVE SENSITIVITY TO: not applicable

VIII - REACTIVITY DATA

STABILITY: Stable [x] Unstable []

CONDITIONS TO AVOID: not applicable

INCOMPATIBILITY (Material to Avoid) : oxidizing materials

HAZARDOUS DECOMPOSITION PRODUCTS: Contact with strong oxidizers will generate heat.

REACTIVITY: not applicable

IX - MSDS PREPARATION

SOURCES USED: RTECS, Supplier MSDS

PREPARED BY: JohnsonDiversey Canada, Inc.
Regulatory Department
Food Division
Phone (905) 829-1200

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