



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 57509

PRODUCT NAME: **H1 LUBE**

USE: High speed incidental food contact conveyor lubricant

SUPPLIER:

JohnsonDiversey Canada, Inc.
2401 Bristol Circle
Oakville Ontario, L6H 6P1, Canada

EMERGENCY PHONE:

1-800-668-7171

WHMIS CLASSIFICATION: D2B

CHEMICAL FAMILY: Soap

TRADE NAME / SYNONYMS: not applicable

CHEMICAL NAME: not applicable

II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Neutralized fatty acid mixture	10-30	not available	not available	oral/rat
Propylene glycol	10-30	000057-55-6	LD50 20,000 mg/kg	
Tetrapotassium edta	5-10	005964-35-2	not available	

III - HANDLING AND DISPOSAL PROCEDURES

PERSONAL PROTECTIVE EQUIPMENT:

Gloves: Natural Rubber, Neoprene or Nitrile

Eye: Safety glasses

Footwear: Not required

Respiratory: Not required

Other: Not required

SPECIAL HANDLING PROCEDURES AND EQUIPMENT: Not applicable

VENTILATION REQUIREMENTS: Mechanical exhaust.

INCOMPATIBILITY (Material to Avoid): Acids and cationic 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. Rinse floor with water to remove fatty acids (soap).

WASTE DISPOSAL: Dispose according to municipal, provincial, and federal regulations.

STORAGE / SHIPPING REQUIREMENT: Store in a cool, dry area in a closed container. Do not store below 10°C. Do not expose to spark or open flame.

IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: Clear amber liquid

S.G. / BULK DENSITY(g/cc): 1.05

pH: 10.1 - 10.4

VAPOUR PRESSURE (mmHg): not applicable

VAPOUR DENSITY (air=1): not applicable

ODOUR THRESHOLD: not available

BOILING POINT: 100°C

FREEZING POINT: not available

PERCENT VOLATILE: 65%

SOLUBILITY IN WATER: soluble

EVAPORATION RATE (water=1): not applicable

V - TOXICOLOGICAL PROPERTIES

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:

EYES: Will cause irritation on contact. No serious or irreversible effects if treated promptly.

SKIN: Repeated or prolonged contact may cause dry skin and mild irritation.

INGESTION: May cause irritation of digestive tract.

INHALATION: No serious or irreversible effects expected.

LD50 (calculated): 20,000 mg/kg (oral)		LC50 (calculated): not available	
OTHER TOXIC EFFECTS: TLV AIHA WEEL (propylene glycol): 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 eye lids open while rinsing. Contact a physician.			
SKIN: Flush affected area thoroughly with water. If irritation persists, contact a physician.			
INGESTION: Drink large volumes of water . Never give anything by mouth to an unconscious patient. Do not induce vomiting. Contact a physician immediately.			
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: Wear self-contained breathing apparatus.			
HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon, nitrogen.			
EXPLOSIVE SENSITIVITY TO: not applicable			
VIII - REACTIVITY DATA			
STABILITY: Stable [X] Unstable []			
CONDITIONS TO AVOID: Not applicable			
INCOMPATIBILITY (Material to Avoid) : Acides et Cationic materials.			
HAZARDOUS DECOMPOSITION PRODUCTS: Cationic materials and acids will cause the soap to settle out of solution. Heat released on contact with oxidizing materials.			
REACTIVITY: Not applicable			
IX - MSDS PREPARATION			
SOURCES USED: RTECS, Supplier MSDS		PREPARED BY: JohnsonDiversey Canada. Inc. Regulatory Department Food Division Phone (905) 829-1200	
PREPARATION DATE: April 15, 2003			
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