



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 4523

PRODUCT NAME: DEHYDROL

USE: Aerosol Lubricant

SUPPLIER:

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

EMERGENCY PHONE:

1-800-668-7171

WHMIS CLASSIFICATION: A D1B D2A

CHEMICAL FAMILY: aerosol solvent

TRADE NAME / SYNONYMS: not applicable

CHEMICAL NAME: not applicable

II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Perchloroethylene	40-70	000127-18-4	LC50 6000 ppm/4H	inh/mou
Chlorodifluoromethane	10-30	000075-45-6	LC50 25000 ppm/4H	inh/rat
Ethylene glycol monobutyl ether	1-5	000111-76-2	LC50 500 ppm/4H	ihn/rat

III - HANDLING AND DISPOSAL PROCEDURES

PERSONAL PROTECTIVE EQUIPMENT:

Gloves: not required

Eye: safety goggles

Footwear: not required

Respiratory: If mists are generated, use NIOSH approved mask

Other: not required

SPECIAL HANDLING PROCEDURES AND EQUIPMENT: Avoid eye contact. Do not breathe mist, spray or vapours.

VENTILATION REQUIREMENTS: general ventilation

INCOMPATIBILITY (Material to Avoid): acidic and oxidizing materials

SPILL PROCEDURES: Ensure adequate ventilation. Contain the spill. 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: Brown liquid - solvent odour

S.G. / BULK DENSITY(g/cc): 1.20

pH: not applicable

VAPOUR PRESSURE (mmHg): 144psig @ 20°C

VAPOUR DENSITY (air=1): >1

ODOUR THRESHOLD: not available

BOILING POINT: 121°C

FREEZING POINT: < 0°C

PERCENT VOLATILE: 85%

SOLUBILITY IN WATER: insoluble

EVAPORATION RATE (water=1): not available

V - TOXICOLOGICAL PROPERTIES

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:

EYES: May cause irritation. May cause temporary or permanent damage if not treated promptly.

SKIN: Repeated or prolonged contact may result in irritation. May cause defatting, drying and cracking of skin.

INGESTION: May cause severe irritation of the digestive tract.

INHALATION: May cause irritation of the respiratory tract.

LD50 (calculated): LD50 560 mg/kg		LC50 (calculated): 4980 ppm/4H	
OTHER TOXIC EFFECTS: Perchloroethylene is a group 2B carcinogen as defined by IARC. Perchloroethylene TWA 25 ppm; Ethylene glycol monobutyl ether 25 ppm skin ACGIH			
EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: May cause liver or kidney damage.			
VI - FIRST AID MEASURES			
EYES: Flush eyes with plenty of water for at least 15 minutes. Hold eyelids open while rinsing. Contact a physician immediately. SKIN: Flush affected area thoroughly with water. If irritation develops, contact a physician. INGESTION: Do not induce vomiting. Drink large volumes of water . Never give anything by mouth to an unconscious patient. Contact a physician immediately. INHALATION: Remove patient to fresh air. Get medical attention for any breathing difficulty.			
VII - FIRE AND EXPLOSION DATA			
FLAMMABLE: No			
FLASH POINT, °C: Not available		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: Phosgene. Oxides of carbon.			
EXPLOSIVE SENSITIVITY TO: not applicable			
VIII - REACTIVITY DATA			
STABILITY: Stable [x] Unstable []			
CONDITIONS TO AVOID: high temperature, all sources of ignition			
INCOMPATIBILITY (Material to Avoid) : acidic and oxidizing materials			
HAZARDOUS DECOMPOSITION PRODUCTS: Hydrocarbon fumes, oxides of carbon, chlorinated compounds			
REACTIVITY: Container may explode if heated.			
IX - MSDS PREPARATION			
SOURCES USED: Supplier MSDS, RTECS		PREPARED BY: JohnsonDiversey Canada, Inc. Regulatory Department Industrial Division Phone (905) 829-1200	
PREPARATION DATE: April 15, 2003			
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