



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 4740

PRODUCT NAME: LIQUID EMULSIFIER 7WL

USE: Liquid Laundry Emulsifier

SUPPLIER:

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

EMERGENCY PHONE:

1-800-668-7171

WHMIS CLASSIFICATION: B3 D2B

CHEMICAL FAMILY: Surfactant/Solvent

TRADE NAME / SYNONYMS: not applicable

CHEMICAL NAME: not applicable

II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Petroleum hydrocarbon	40-70	064742-48-9	LD50 >5000 mg/kg	oral/rat
Linear alcohol ethoxylate	15-40	068131-39-5	LD50 1800 mg/kg	oral/rat

III - HANDLING AND DISPOSAL PROCEDURES

PERSONAL PROTECTIVE EQUIPMENT:

Gloves: natural rubber, neoprene or nitrile

Eye: safety glasses

Footwear: not applicable

Respiratory: If mists are generated, use NIOSH approved mask

Other: not applicable

SPECIAL HANDLING PROCEDURES AND EQUIPMENT: Avoid eye and skin contact.

VENTILATION REQUIREMENTS: general ventilation

INCOMPATIBILITY (Material to Avoid): strong oxidizers

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. Wash spill area with large volumes of water.

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 expose to heat, spark or open flame.

IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: Clear, colourless liquid

S.G. / BULK DENSITY(g/cc): 0.805 ± 0.25

pH: not applicable

VAPOUR PRESSURE (mmHg): not available

VAPOUR DENSITY (air=1): not available

ODOUR THRESHOLD: not applicable

BOILING POINT: approx. 100°C

FREEZING POINT: not available

PERCENT VOLATILE: 70%

SOLUBILITY IN WATER: dispersable

EVAPORATION RATE (water=1): < 1

V - TOXICOLOGICAL PROPERTIES

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:

EYES: May cause irritation.

SKIN: Repeated or prolonged contact may result in irritation.

INGESTION: May cause severe irritation of the digestive tract. May cause nausea, vomiting and diarrhea.

INHALATION: May cause headache and nausea.

LD50 (calculated): 3335 mg/kg

LC50 (calculated): not applicable

OTHER TOXIC EFFECTS: TLV (petroleum hydrocarbon) 500 ppm; TLV-TWA (ethylene oxide) 1.8 mg/m3	
EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: none known	
VI - FIRST AID MEASURES	
EYES:	qlush 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:	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. Get medical attention for any breathing difficulty.
VII - FIRE AND EXPLOSION DATA	
FLAMMABLE: Yes, combustible if heated	
FLASH POINT, °C: 62°C (Pensky-Martens)	AUTO IGNITION TEMPERATURE, °C: N/Ap
EXTINGUISHING MEDIA: Water [x] Dry Chemical [x] Carbon Dioxide [x] Foam [x] Other []	
SPECIAL FIRE FIGHTING PROCEDURES: not required	
HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon.	
EXPLOSIVE SENSITIVITY TO: not applicable	
VIII - REACTIVITY DATA	
STABILITY: Stable [x] Unstable []	
CONDITIONS TO AVOID: sparks or high temperatures	
INCOMPATIBILITY (Material to Avoid) : strong oxidizers	
HAZARDOUS DECOMPOSITION PRODUCTS: Heat released on contact with strong oxidizers.	
REACTIVITY: not applicable	
IX - MSDS PREPARATION	
SOURCES USED: RTECS, MSDS	PREPARED BY: JohnsonDiversev Canada. Inc. Regulatory Department Institutional Division Phone (905) 829-1200
PREPARATION DATE: April 15, 2003	
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