



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 2918350

PRODUCT NAME: EMULSION DEGREASE 210

USE: Solvent Cleaner-Degreaser

SUPPLIER:

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

EMERGENCY PHONE:

1-800-668-7171

WHMIS CLASSIFICATION: D2B

CHEMICAL FAMILY: alkali

TRADE NAME / SYNONYMS: not applicable

CHEMICAL NAME: not applicable

II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Petroleum hydrocarbon	15-40	064742-47-8	not available	oral/rat
Tetrapotassium pyrophosphate	3-7	007320-34-5	LD50 2980 mg/kg	
Potassium dodecylbenzene sulphonate	3-7	027177-77-1	not available	
Petroleum hydrocarbon	10-30	008008-20-6	not available	

III - HANDLING AND DISPOSAL PROCEDURES

PERSONAL PROTECTIVE EQUIPMENT:

Gloves: natural rubber or neoprene

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 and skin contact. Do not breathe mist or spray.

VENTILATION REQUIREMENTS: general ventilation

INCOMPATIBILITY (Material to Avoid): Concentrated Acids

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. Avoid freezing.

IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: Clear to slightly hazy amber liquid

S.G. / BULK DENSITY(g/cc): 0.97

pH: (1% solution): 9.7

VAPOUR PRESSURE (mmHg): not available

VAPOUR DENSITY (air=1): not available

ODOUR THRESHOLD: not available

BOILING POINT: 100°C

FREEZING POINT: -2°C

PERCENT VOLATILE: 79.0% Approx.

SOLUBILITY IN WATER: soluble

EVAPORATION RATE (water=1): >1

V - TOXICOLOGICAL PROPERTIES

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:

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

SKIN: Repeated or prolonged contact may result in irritation.

INGESTION: Harmful or fatal if swallowed. May cause severe irritation of the digestive tract. May cause permanent damage if not treated promptly.

INHALATION: May cause severe irritation. Aspiration into the lungs may cause chemical pneumonitis.	
LD50 (calculated): 2980 mg/kg	LC50 (calculated): not available
OTHER TOXIC EFFECTS: Petroleum Hydrocarbon TWA 100 mg/m3 (10 Hr); Tetrapotassium Pyrophosphate TLV 10 mg/m3	
EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: Same as above	
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:	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: No	
FLASH POINT, °C: 99°C	AUTO IGNITION TEMPERATURE, °C: None
EXTINGUISHING MEDIA: Water [] Dry Chemical [X] Carbon Dioxide [X] Foam [X] Other []	
SPECIAL FIRE FIGHTING PROCEDURES: Use water to extinguish only if large volumes are available to flood area.	
HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon, sulphur.	
EXPLOSIVE SENSITIVITY TO: not applicable	
VIII - REACTIVITY DATA	
STABILITY: Stable [X] Unstable []	
CONDITIONS TO AVOID: high temperature, freezing	
INCOMPATIBILITY (Material to Avoid) : Concentrated Mineral Acids	
HAZARDOUS DECOMPOSITION PRODUCTS: None	
REACTIVITY: not dangerously reactive	
IX - MSDS PREPARATION	
SOURCES USED: RTECS, ChemInfo.	PREPARED BY: JohnsonDiversey Canada, Inc. Regulatory Department Industrial Division Phone (905) 829-1200
PREPARATION DATE: April 15, 2003	
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