



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 0392

PRODUCT NAME: **DIVO-PAK T**

USE: Heavy Duty Liquid Caustic Cleaner

SUPPLIER:

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

EMERGENCY PHONE:

1-800-668-7171

WHMIS CLASSIFICATION: E

CHEMICAL FAMILY: Alkali

TRADE NAME / SYNONYMS: not applicable

CHEMICAL NAME: not applicable

II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Sodium hydroxide	10-30	001310-73-2	LDLo 500 mg/kg	oral/rab
Potassium hydroxide	10-30	001310-58-3	LD50 273 mg/kg	oral/rat

III - HANDLING AND DISPOSAL PROCEDURES

PERSONAL PROTECTIVE EQUIPMENT:

Gloves: Natural Rubber, Neoprene, Nitrile or PVC
Eye: safety goggles
Footwear: not required
Respiratory: If mists are generated, use NIOSH approved mask
Other: rubber apron

SPECIAL HANDLING PROCEDURES AND EQUIPMENT: Avoid skin contact.**VENTILATION REQUIREMENTS:** mechanical exhaust**INCOMPATIBILITY (Material to Avoid):** 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. UN1719

IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: white, opaque liquid**S.G. / BULK DENSITY(g/cc):** 1.34**pH:** (1%) 12.5 - 13.0**VAPOUR PRESSURE (mmHg):** not applicable**VAPOUR DENSITY (air=1):** not applicable**ODOUR THRESHOLD:** not available**BOILING POINT:** approx. 100°C**FREEZING POINT:** -20°C**PERCENT VOLATILE:** 60 %**SOLUBILITY IN WATER:** soluble**EVAPORATION RATE (water=1):** not applicable

V - TOXICOLOGICAL PROPERTIES

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:

EYES: Corrosive. May cause severe irritation. May cause permanent damage if not treated promptly.**SKIN:** Corrosive. May cause severe irritation.**INGESTION:** Corrosive. May cause severe irritation of the digestive tract.**INHALATION:** Breathing spray or mist may cause respiratory irritation.**LD50 (calculated):** 1050 mg/kg**LC50 (calculated):** not available

OTHER TOXIC EFFECTS: TLV: Sodium hydroxide TWA 2 mg/m3; Potassium hydroxide CL 2 mg/m3	
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. 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/Ap
EXTINGUISHING MEDIA: Water [X] Dry Chemical [X] Carbon Dioxide [X] Foam [X] Other []	
SPECIAL FIRE FIGHTING PROCEDURES: not applicable	
HAZARDOUS COMBUSTION PRODUCTS: not applicable.	
EXPLOSIVE SENSITIVITY TO: not applicable	
VIII - REACTIVITY DATA	
STABILITY: Stable [X] Unstable []	
CONDITIONS TO AVOID: Do not store below 15°C.	
INCOMPATIBILITY (Material to Avoid) : Heat released on contact with acids.	
HAZARDOUS DECOMPOSITION PRODUCTS: Contact with aluminum and zinc generates flammable hydrogen gas.	
REACTIVITY: not dangerously reactive	
IX - MSDS PREPARATION	
SOURCES USED: RTECS	PREPARED BY: JohnsonDiversey Canada. Inc. Regulatory Department Food Division Phone (905) 829-1200
PREPARATION DATE: April 15, 2003	
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