



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 4109

PRODUCT NAME: **DUSTRYPP**

USE: Heavy Duty Alkaline Cleaner

SUPPLIER:

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

EMERGENCY PHONE:

1-800-668-7171

WHMIS CLASSIFICATION: E

CHEMICAL FAMILY: caustic alkali

TRADE NAME / SYNONYMS: not applicable

CHEMICAL NAME: not applicable

II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Potassium hydroxide	15-40	001310-58-3	LD50 273 mg/kg	oral/rat

III - HANDLING AND DISPOSAL PROCEDURES

PERSONAL PROTECTIVE EQUIPMENT:

Gloves: natural rubber or neoprene

Eye: face shield

Footwear: rubber Boots

Respiratory: If mists are generated, use NIOSH approved mask

Other: rubber apron

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

VENTILATION REQUIREMENTS: general ventilation

INCOMPATIBILITY (Material to Avoid): Acidic materials, aluminum and zinc.

SPILL PROCEDURES: 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. Wear protective clothing.

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. UN1814

IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: Clear to light amber liquid

S.G. / BULK DENSITY(g/cc): 1.32

pH: 13.0 @ 1% solution

VAPOUR PRESSURE (mmHg): 17.5 @ 20°C

VAPOUR DENSITY (air=1): not applicable

ODOUR THRESHOLD: not applicable

BOILING POINT: approx. 100°C

FREEZING POINT: 2°C

PERCENT VOLATILE: 57%

SOLUBILITY IN WATER: soluble

EVAPORATION RATE (water=1): <1

V - TOXICOLOGICAL PROPERTIES

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:

EYES: Corrosive. May cause permanent damage if not treated promptly.

SKIN: Corrosive. May cause temporary or permanent damage if not treated promptly.

INGESTION: Corrosive. May cause severe irritation of the digestive tract.

INHALATION: Corrosive. Breathing mists may cause irritation.

LD50 (calculated): 934 mg/kg (oral/rat)

LC50 (calculated):

OTHER TOXIC EFFECTS: Potassium Hydroxide TLV-CL 2 mg/m3	
EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: None known	
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: not applicable	
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: Wear self-contained breathing apparatus.	
HAZARDOUS COMBUSTION PRODUCTS: not applicable.	
EXPLOSIVE SENSITIVITY TO: None known	
VIII - REACTIVITY DATA	
STABILITY: Stable [X] Unstable []	
CONDITIONS TO AVOID: None	
INCOMPATIBILITY (Material to Avoid) : Acidic materials, aluminum and zinc.	
HAZARDOUS DECOMPOSITION PRODUCTS: Heat released on contact with acids. Contact with aluminum or zinc releases hydrogen gas.	
REACTIVITY: Heat released on contact with acids.	
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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