



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 3445

PRODUCT NAME: DUROCLEAN STRIP TAK

USE: Hot Soak 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
Sodium hydroxide	60-100	001310-73-2	LDLo 500 mg/kg	oral/rab
Sodium lauryl ether sulphate	1-5	068585-34-2	LD50 1700 mg/kg	oral/rat

III - HANDLING AND DISPOSAL PROCEDURES

PERSONAL PROTECTIVE EQUIPMENT:

Gloves: Natural Rubber or Neoprene

Eye: Safety goggles

Footwear: Rubber boots

Respiratory: NIOSH approved dust mask

Other: Rubber apron, face shield

SPECIAL HANDLING PROCEDURES AND EQUIPMENT:

Avoid eye and skin contact. Avoid breathing dust. Rapid mixing of this product with water generates heat and dangerous boiling can result. Always add this product to cold water slowly and with good mixing.

VENTILATION REQUIREMENTS: General ventilation

INCOMPATIBILITY (Material to Avoid): Acidic materials, aluminum and other soft metals.

SPILL PROCEDURES: Sweep or scoop up material 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. Avoid high humidity. UN1823

IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: White powder

S.G. / BULK DENSITY(g/cc): 1.03

pH: (4% solution): > 13.5

VAPOUR PRESSURE (mmHg): not applicable

VAPOUR DENSITY (air=1): not applicable

ODOUR THRESHOLD: not available

BOILING POINT: not applicable

FREEZING POINT: not applicable

PERCENT VOLATILE: not applicable

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

INGESTION: Corrosive. May cause severe irritation of the digestive tract. May cause permanent damage if not treated promptly.

INHALATION: Breathing dust may cause severe respiratory irritation.

LD50 (calculated): 570 mg/kg

LC50 (calculated): Not available

OTHER TOXIC EFFECTS: TLV-CL (sodium hydroxide) 2 mg/m3: Sodium lauryl ether sulphate 1000 ppm (Ethanol).	
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. If arritation arises, contact a physician.
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 required	
HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon, sulphur.	
EXPLOSIVE SENSITIVITY TO: not applicable	
VIII - REACTIVITY DATA	
STABILITY: Stable [x] Unstable []	
CONDITIONS TO AVOID: Not applicable	
INCOMPATIBILITY (Material to Avoid) : Acidic materials, aluminum and other soft metals.	
HAZARDOUS DECOMPOSITION PRODUCTS: Heat released on contact with acids. Contact with soft metals forms flammable hydrogen gas.	
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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