



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 2835

PRODUCT NAME: **HYDROSTREAM**

USE: Powerwash Compound

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
Sodium nitrilotriacetate	30-60	005064-31-3	LD50 1100 mg/kg	oral/rat
Sodium tripolyphosphate	10-30	007758-29-4	LD50 4100 mg/kg	oral/rat
Sodium dodecylbenzene sulphonate	1-5	025155-30-0	LD50 1260 mg/kg	oral/rat
Linear alcohol ethoxylate / propoxylate	3-7	068154-97-2	LD50 2000 mg/kg	oral/rat

III - HANDLING AND DISPOSAL PROCEDURES

PERSONAL PROTECTIVE EQUIPMENT:

Gloves: natural rubber or neoprene

Eye: safety glasses

Footwear: not required

Respiratory: as required

Other: not required

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

VENTILATION REQUIREMENTS: general ventilation

INCOMPATIBILITY (Material to Avoid): Acidic materials

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. Avoid freezing.

IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: White, smooth slurry - slight alcohol odour

S.G. / BULK DENSITY(g/cc): 1.40

pH: (concentrate): 10.0

VAPOUR PRESSURE (mmHg): not applicable

VAPOUR DENSITY (air=1): not available

ODOUR THRESHOLD: not available

BOILING POINT: ~ 100°C

FREEZING POINT: ~-10°C

PERCENT VOLATILE: 35%

SOLUBILITY IN WATER: Soluble

EVAPORATION RATE (water=1): not applicable

V - TOXICOLOGICAL PROPERTIES

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:

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

SKIN: Repeated or prolonged contact may cause irritation.

INGESTION: May cause irritation of the digestive tract.

INHALATION: Inhalation of spray or mist may cause respiratory irritation.

LD50 (calculated): 2120 mg/kg		LC50 (calculated): not available	
OTHER TOXIC EFFECTS: Sodium Tripolyphosphate TLV 10 mg/m3			
EFFECTS OF CHRONIC EXPOSURE TO MATERIAL:		This product contains NTA. In laboratory tests, rats and mice continuously fed highly exaggerated doses of NTA showed evidence of urinary tract (bladder and kidney) toxicity, including cancer; lower doses showed none of these toxic effects. By ACGIH guidelines, NTA would not be considered an occupational (human) carcinogen of any practical significance.	
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.		
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, nitrogen.			
EXPLOSIVE SENSITIVITY TO: not applicable			
VIII - REACTIVITY DATA			
STABILITY: Stable [x] Unstable []			
CONDITIONS TO AVOID: keep from freezing			
INCOMPATIBILITY (Material to Avoid) : acidic materials			
HAZARDOUS DECOMPOSITION PRODUCTS: not available			
REACTIVITY: not applicable			
IX - MSDS PREPARATION			
SOURCES USED: RTECS, MSDS		PREPARED BY: JohnsonDiversey Canada. Inc. Regulatory Department Industrial Division Phone (905) 829-1200	
PREPARATION DATE: April 15, 2003			
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