



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 2167

PRODUCT NAME: RAILWAY A.P.C.

USE: Multi Purpose Detergent

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 dodecylbenzene sulphonate	1-5	025155-30-0	LD50 1260 mg/kg	oral/rat
Sodium hydroxide	0.5 - 1.5	001310-73-2	LDLo 500 mg/kg	oral/rab
Sodium metasilicate	1-5	006834-92-0	LD50 1153 mg/kg	oral/rat
Dipropylene glycol methyl ether	1-5	034590-94-8	LD50 5660 mg/kg	oral/rat
Sodium nitrilotriacetate	1-5	005064-31-3	LD50 1100 mg/kg	oral/rat

III - HANDLING AND DISPOSAL PROCEDURES

PERSONAL PROTECTIVE EQUIPMENT:

Gloves: natural rubber or neoprene

Eye: safety glasses/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. Respiratory protection may be required if A.P.C. is sprayed in enclosed, poorly ventilated area.

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. UN1760

IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: Clear green liquid

S.G. / BULK DENSITY(g/cc): 1.07

pH: (concentrate): 13

VAPOUR PRESSURE (mmHg): not available

VAPOUR DENSITY (air=1): not available

ODOUR THRESHOLD: not available

BOILING POINT: approx. 100°C

FREEZING POINT: 0°C

PERCENT VOLATILE: 90%

SOLUBILITY IN WATER: soluble

EVAPORATION RATE (water=1): not available

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: May cause irritation. No serious or irreversible effects expected if treated promptly.

INGESTION: May cause severe irritation of the digestive tract. May cause temporary or permanent damage if not treated promptly.	
INHALATION: Breathing mist or spray may cause respiratory irritation.	
LD50 (calculated): 18710 mg/kg	LC50 (calculated): not available
OTHER TOXIC EFFECTS: Sodium Hydroxide TWA 2 mg/m3; Sodium Metasilicate TWA 2 mg/m3; Dipropylene Glycol Methyl Ether TWA 100 ppm, STEL 150 ppm	
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: not applicable	
INCOMPATIBILITY (Material to Avoid) : acidic materials	
HAZARDOUS DECOMPOSITION PRODUCTS: Heat released on contact with acids.	
REACTIVITY: not dangerously reactive	
IX - MSDS PREPARATION	
SOURCES USED: RTECS	PREPARED BY: JohnsonDiversey Canada, Inc. Regulatory Department Industrial Division Phone (905) 829-1200
PREPARATION DATE: April 15, 2003	
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