



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 4586

PRODUCT NAME: **RP-103**

USE: Rust Inhibitor

SUPPLIER:

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

EMERGENCY PHONE:

1-800-668-7171

WHMIS CLASSIFICATION: B2 D2B

CHEMICAL FAMILY: Asphalt

TRADE NAME / SYNONYMS: not applicable

CHEMICAL NAME: not applicable

II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Asphalt	30-70	008052-42-4	not available	not avail.
Petroleum hydrocarbon	15-40	008052-41-3	LD50 6320 mg/kg	oral/rat
Petroleum hydrocarbon	15-40	008006-61-9	LDlo 5600 ppm/4hr	not avail.

III - HANDLING AND DISPOSAL PROCEDURES

PERSONAL PROTECTIVE EQUIPMENT:

Gloves: natural rubber or neoprene

Eye: safety glasses

Footwear: Rubber boots

Respiratory: NIOSH approved vapour mask

Other: rubber apron

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

VENTILATION REQUIREMENTS: mechanical exhaust

INCOMPATIBILITY (Material to Avoid): Acidic, alkaline or oxidizing materials.

SPILL PROCEDURES: Ensure adequate ventilation. Remove all sources of heat and ignition. 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. UN1993

IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: Black liquid

S.G. / BULK DENSITY(g/cc): 0.93

pH: not applicable

VAPOUR PRESSURE (mmHg): not available

VAPOUR DENSITY (air=1): >1

ODOUR THRESHOLD: not available

BOILING POINT: 155°C

FREEZING POINT: not available

PERCENT VOLATILE: 55

SOLUBILITY IN WATER: insoluble

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 defatting, drying and cracking of skin.

INGESTION: May cause severe irritation of the digestive tract. May cause headache, nausea, dizziness, vomiting and diarrhea.

INHALATION: May cause headache, nausea, dizziness, uncoordination and/or unconsciousness.

LD50 (calculated): 5000 mg/kg	LC50 (calculated): 5600 ppm/4 hr
OTHER TOXIC EFFECTS: May cause liver and kidney damage. Petroleum hydrocarbon TLV 525 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 immediately.	
SKIN: Flush affected area thoroughly with water. If irritation develops, contact a physician.	
INGESTION: 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: Yes, ignited by spark or open flame.	
FLASH POINT, °C: 27°C (PMCC)	AUTO IGNITION TEMPERATURE, °C: >200
EXTINGUISHING MEDIA: Water [] Dry Chemical [X] Carbon Dioxide [X] Foam [X] Other []	
SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus.	
HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon.	
EXPLOSIVE SENSITIVITY TO: Impact [] Static Discharge [X] Heat [] Other []	
VIII - REACTIVITY DATA	
STABILITY: Stable [X] Unstable []	
CONDITIONS TO AVOID: high temperature	
INCOMPATIBILITY (Material to Avoid) : Acidic, alkaline or oxidizing materials.	
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon and nitrogen oxides.	
REACTIVITY: not dangerously reactive.	
IX - MSDS PREPARATION	
SOURCES USED: Suppliers MSDS, RTECS, ChemInfo.	PREPARED BY: JohnsonDiversey Canada, Inc. Regulatory Department Industrial Division Phone (905) 829-1200
PREPARATION DATE: April 15, 2003	
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