



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 3810

PRODUCT NAME: **DIVOMIX 103**

USE: Engine Shampoo

SUPPLIER:

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

EMERGENCY PHONE:

1-800-668-7171

WHMIS CLASSIFICATION: B3 D2B

CHEMICAL FAMILY: Hydrocarbon solvent

TRADE NAME / SYNONYMS: not applicable

CHEMICAL NAME: not applicable

II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Petroleum hydrocarbon	40-70	064742-94-5	not available	
Linear alcohol ethoxylate / propoxylate	5-10	068551-13-3	LD50 3200 mg/kg	oral/rat
Ethylene glycol monobutyl ether	5-10	000111-76-2	LD50 560 mg/kg	oral/rat
Isopropanol	1-5	000067-63-0	LD50 5045 mg/kg	oral/rat

III - HANDLING AND DISPOSAL PROCEDURES

PERSONAL PROTECTIVE EQUIPMENT:

Gloves: Natural Rubber or Neoprene

Eye: safety glasses

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. Do not expose to heat, spark or open flame.

VENTILATION REQUIREMENTS: mechanical exhaust

INCOMPATIBILITY (Material to Avoid): strong oxidizers

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. LARGE SPILLS: Dike and pump into suitable containers.

WASTE DISPOSAL: Dispose according to municipal, provincial, and federal regulations.

STORAGE / SHIPPING REQUIREMENT: Store in a cool dry area in a closed container. Avoid excessive heat.

IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: Clear, pale yellow liquid - solvent odour

S.G. / BULK DENSITY(g/cc): 0.88

pH: not applicable

VAPOUR PRESSURE (mmHg): not available

VAPOUR DENSITY (air=1): not available

ODOUR THRESHOLD: not available

BOILING POINT: not available

FREEZING POINT: not available

PERCENT VOLATILE: 80%

SOLUBILITY IN WATER: dispersable

EVAPORATION RATE (water=1): >1

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: Repeated or prolonged contact may result in drying and cracking of skin.

INGESTION: May cause severe irritation of the digestive tract. Nausea and vomiting likely.	
INHALATION: Anesthetic or narcotic effects.	
LD50 (calculated): 560 mg/kg orl/rat	LC50 (calculated): Not available
OTHER TOXIC EFFECTS: Ethylene glycol monobutyl ether 25 ppm skin ACGIH; Isopropanol TWA 400 ppm.	
EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: Repeated or prolonged exposure to Ethylene Glycol Monobutyl Ether may cause blood anemia.	
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: Wash with soap. Flush affected area thoroughly with water. If irritation develops, contact a physician. Apply hand cream to reduce dryness.	
INGESTION: Do not induce vomiting. Contact a physician immediately.	
INHALATION: Remove patient to fresh air. Apply artificial resuscitation if necessary. Contact a physician.	
VII - FIRE AND EXPLOSION DATA	
FLAMMABLE: Yes, ignited by spark or open flame.	
FLASH POINT, °C: 39°C (TCC)	AUTO IGNITION TEMPERATURE, °C: >150°C
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 [] Heat [] Other [x]	
VIII - REACTIVITY DATA	
STABILITY: Stable [x] Unstable []	
CONDITIONS TO AVOID: high temperature	
INCOMPATIBILITY (Material to Avoid) : strong oxidizers	
HAZARDOUS DECOMPOSITION PRODUCTS: not available	
REACTIVITY: Strong oxidizers increase risk of explosion.	
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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