



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 01103

PRODUCT NAME: DUBOIS 103 SW**USE:** Water-Soluble Synthetic Rust Inhibitor and Grinding Fluid**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
Monoethanolamine	5-10	000141-43-5	LD50 2050 mg/kg	oral/rat
Triethanolamine	1-5	000102-71-6	LD50 8680 mg/kg	oral/rat

III - HANDLING AND DISPOSAL PROCEDURES

PERSONAL PROTECTIVE EQUIPMENT:**Gloves:** Natural rubber, Neoprene or Nitrile**Eye:** safety glasses**Footwear:** not applicable**Respiratory:** If mists are generated, use NIOSH approved mask**Other:** not applicable**SPECIAL HANDLING PROCEDURES AND EQUIPMENT:** Avoid eye and skin contact.**VENTILATION REQUIREMENTS:** general ventilation**INCOMPATIBILITY (Material to Avoid):** Acids, strong oxidizing agents.**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.

IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: Amber liquid with amine odour**S.G. / BULK DENSITY(g/cc):** 1.03**pH:** 10.5**VAPOUR PRESSURE (mmHg):** 17.5 at 20°C**VAPOUR DENSITY (air=1):** not available**ODOUR THRESHOLD:** not available**BOILING POINT:** approx. 100°C**FREEZING POINT:** not available**PERCENT VOLATILE:** 65%**SOLUBILITY IN WATER:** not available**EVAPORATION RATE (water=1):** not available

V - TOXICOLOGICAL PROPERTIES

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:**EYES:** May cause severe irritation.**SKIN:** Repeated or prolonged contact may cause dry skin and mild irritation.**INGESTION:** May cause severe irritation of the digestive tract.**INHALATION:** Breathing spray or mist may cause respiratory irritation.**LD50 (calculated):** 26000 mg/kg**LC50 (calculated):** not available

OTHER TOXIC EFFECTS: TLV (Monoethanolamine) 3 ppm	
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.
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. Get medical attention for any breathing difficulty.
VII - FIRE AND EXPLOSION DATA	
FLAMMABLE: No	
FLASH POINT, °C: not available	AUTO IGNITION TEMPERATURE, °C: n/avail
EXTINGUISHING MEDIA: Water [x] Dry Chemical [x] Carbon Dioxide [x] Foam [x] Other []	
SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus.	
HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon, nitrogen.	
EXPLOSIVE SENSITIVITY TO: not applicable	
VIII - REACTIVITY DATA	
STABILITY: Stable [X] Unstable []	
CONDITIONS TO AVOID: Excessive heat	
INCOMPATIBILITY (Material to Avoid) : Acids, Strong oxidizers.	
HAZARDOUS DECOMPOSITION PRODUCTS: Heat released on contact with strong acids.	
REACTIVITY: not dangerously reactive	
IX - MSDS PREPARATION	
SOURCES USED: RTECS, Supplier MSDS	PREPARED BY: JohnsonDiversey Canada, Inc. Regulatory Department Industrial Division Phone (905) 829-1200
PREPARATION DATE: April 15, 2003	
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