

I - PRODUCT IDENTIFICATION AND USE				MSDS ID: REA1003
PRODUCT NAME: BROMOPHENOL BLUE INDICATOR				
USE: Colour Indicator				
SUPPLIER: JohnsonDiversey Canada, Inc. 2401 Bristol Circle Oakville Ontario, L6H 6P1, Canada		EMERGENCY PHONE: 1-800-668-7171		
WHMIS CLASSIFICATION: not applicable		TRADE NAME / SYNONYMS: not applicable		
CHEMICAL FAMILY: not applicable		CHEMICAL NAME: Bromophenol Blue		
II - HAZARDOUS INGREDIENTS				
HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Not a controlled product				
III - HANDLING AND DISPOSAL PROCEDURES				
PERSONAL PROTECTIVE EQUIPMENT:				
Gloves: not required		Eye: safety glasses		Footwear: not required
Respiratory: If mists are generated, use NIOSH approved mask		Other: not applicable		
SPECIAL HANDLING PROCEDURES AND EQUIPMENT: Avoid eye contact.				
VENTILATION REQUIREMENTS: general ventilation				
INCOMPATIBILITY (Material to Avoid): not available				
SPILL PROCEDURES: Soak up with absorbent material and then wash area with 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: Dark blue liquid				
S.G. / BULK DENSITY(g/cc): 1.00		pH: (concentrate): 5.0		
VAPOUR PRESSURE (mmHg): not applicable		VAPOUR DENSITY (air=1): not applicable		
ODOUR THRESHOLD: not applicable		BOILING POINT: approx. 100°C		
FREEZING POINT: 0°C		PERCENT VOLATILE: > 99		
SOLUBILITY IN WATER: soluble		EVAPORATION RATE (water=1): 1.0		
V - TOXICOLOGICAL PROPERTIES				
EFFECTS OF ACUTE EXPOSURE TO MATERIAL:				
EYES: May cause irritation. No serious or irreversible effects expected.				
SKIN: No serious or irreversible effects expected.				
INGESTION: No serious or irreversible effects expected.				
INHALATION: Not applicable				
LD50 (calculated): not available		LC50 (calculated): not available		
OTHER TOXIC EFFECTS: none known				

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.
INHALATION: Remove patient to fresh air. Contact a physician.

VII - FIRE AND EXPLOSION DATA

FLAMMABLE: No

FLASH POINT, °C: not applicable

AUTO IGNITION TEMPERATURE, °C: N/Ap

EXTINGUISHING MEDIA: Water [] Dry Chemical [x] Carbon Dioxide [x] Foam [] Other []

SPECIAL FIRE FIGHTING PROCEDURES: not required

HAZARDOUS COMBUSTION PRODUCTS: not applicable.

EXPLOSIVE SENSITIVITY TO: not applicable

VIII - REACTIVITY DATA

STABILITY: Stable [x] Unstable []

CONDITIONS TO AVOID: not applicable

INCOMPATIBILITY (Material to Avoid) : not applicable

HAZARDOUS DECOMPOSITION PRODUCTS: not applicable

REACTIVITY: not dangerously reactive

IX - MSDS PREPARATION

SOURCES USED: MSDS

PREPARED BY: JohnsonDiversey Canada, Inc.
Regulatory Department
Industrial Division
Phone (905) 829-1200

PREPARATION DATE: April 15, 2003

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