

I - PRODUCT IDENTIFICATION AND USE		MSDS ID: 0804		
PRODUCT NAME: MASTIMIN				
USE: Sanitizing Teat Dip		DIN 00761079		
SUPPLIER: JohnsonDiversey Canada, Inc. 2401 Bristol Circle Oakville Ontario, L6H 6P1, Canada		EMERGENCY PHONE: 1-800-668-7171		
WHMIS CLASSIFICATION: exempt		TRADE NAME / SYNONYMS: not applicable		
CHEMICAL FAMILY: Iodophor		CHEMICAL NAME: not applicable		
II - HAZARDOUS INGREDIENTS				
HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Iodine	0.5- 1.5	007553-56-2	LD50 14000 mg/kg	oral/rat
III - HANDLING AND DISPOSAL PROCEDURES				
PERSONAL PROTECTIVE EQUIPMENT:				
Gloves: Natural rubber, neoprene or nitrile		Eye: safety glasses		Footwear: not required
Respiratory: If mists are generated, use NIOSH approved mask		Other: not required		
SPECIAL HANDLING PROCEDURES AND EQUIPMENT: not required				
VENTILATION REQUIREMENTS: mechanical exhaust				
INCOMPATIBILITY (Material to Avoid): Aqueous ammonia and strong alkali.				
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.				
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.				
IV - PHYSICAL PROPERTIES				
APPEARANCE / ODOUR: Dark brown liquid - Iodine odour				
S.G. / BULK DENSITY(g/cc): 1.02		pH: 5.5		
VAPOUR PRESSURE (mmHg): not applicable		VAPOUR DENSITY (air=1): not applicable		
ODOUR THRESHOLD: not available		BOILING POINT: approx. 100°C		
FREEZING POINT: not available		PERCENT VOLATILE: 85%		
SOLUBILITY IN WATER: soluble		EVAPORATION RATE (water=1): not applicable		
V - TOXICOLOGICAL PROPERTIES				
EFFECTS OF ACUTE EXPOSURE TO MATERIAL:				
EYES: May cause severe irritation. May cause permanent damage if not treated promptly.				
SKIN: Repeated or prolonged contact may cause irritation to the skin.				
INGESTION: May cause severe irritation to digestive tract.				
INHALATION: May cause irritation of the respiratory tract.				
LD50 (calculated): 14,000 mg/kg		LC50 (calculated): not available		
OTHER TOXIC EFFECTS: TLV: 1.0 mg/m3 (iodine)				

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: 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 applicable

AUTO IGNITION TEMPERATURE, °C: N/Av

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: Iodine vapours are released upon heating.

EXPLOSIVE SENSITIVITY TO: not applicable

VIII - REACTIVITY DATA

STABILITY: Stable [x] Unstable []

CONDITIONS TO AVOID: Keep from freezing.

INCOMPATIBILITY (Material to Avoid) : Aqueous ammonia and strong alkali.

HAZARDOUS DECOMPOSITION PRODUCTS: Contact with aqueous ammonia will produce nitrogen triiodide which is explosive.

REACTIVITY: not dangerously reactive

IX - MSDS PREPARATION

SOURCES USED: RTECS

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

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