



I - PRODUCT IDENTIFICATION AND USE				MSDS ID: 57449	
PRODUCT NAME: KOMPLEET					
USE: Additive for direct addition to caustic liquor					
SUPPLIER: JohnsonDiversey Canada, Inc. 2401 Bristol Circle Oakville Ontario, L6H 6P1, Canada			EMERGENCY PHONE: 1-800-668-7171		
WHMIS CLASSIFICATION: D2B CHEMICAL FAMILY: Sequesterant			TRADE NAME / SYNONYMS: not applicable CHEMICAL NAME: not applicable		
II - HAZARDOUS INGREDIENTS					
HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species	
Sodium nitrite	1-5	007632-00-0	LD50 85 mg/kg	oral/rat	
III - HANDLING AND DISPOSAL PROCEDURES					
PERSONAL PROTECTIVE EQUIPMENT: Gloves: Natural Rubber, neoprene or nitrile Eye: Safety goggles Footwear: Not required Respiratory: If mists are generated, use NIOSH approved mask Other: Not required					
SPECIAL HANDLING PROCEDURES AND EQUIPMENT: Avoid eye and skin contact.					
VENTILATION REQUIREMENTS: General ventilation					
INCOMPATIBILITY (Material to Avoid): Acids.					
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: Clear dark brown liquid					
S.G. / BULK DENSITY(g/cc): 1.22			pH: (Conc.): 11.0		
VAPOUR PRESSURE (mmHg): not available			VAPOUR DENSITY (air=1): not applicable		
ODOUR THRESHOLD: not available			BOILING POINT: >100°C		
FREEZING POINT: not available			PERCENT VOLATILE: 70%		
SOLUBILITY IN WATER: soluble			EVAPORATION RATE (water=1): 1		
V - TOXICOLOGICAL PROPERTIES					
EFFECTS OF ACUTE EXPOSURE TO MATERIAL: EYES: May cause severe irritation. SKIN: May cause irritation. INGESTION: May cause severe irritation of the digestive tract. INHALATION: Inhalation of spray or mist may cause irritation of respiratory tract.					
LD50 (calculated): 4250 mg/kg			LC50 (calculated): Not applicable		
OTHER TOXIC EFFECTS: Sodium nitrite: no exposure limit established. ACGIH lists 10 mg/m3 for inhalable particulate.					

EFFECTS OF CHRONIC None known
EXPOSURE TO MATERIAL:

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/App.

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: High temperature

INCOMPATIBILITY (Material to Avoid) : Acids.

HAZARDOUS DECOMPOSITION PRODUCTS: Heat released on contact with acids.

REACTIVITY: Not dangerously reactive.

IX - MSDS PREPARATION

SOURCES USED: RTECS, Suppliers MSDS

PREPARED BY: JohnsonDiversey Canada, Inc.
Regulatory Department
Food Division
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