



I - PRODUCT IDENTIFICATION AND USE				MSDS ID: 0623	
PRODUCT NAME: DIVOS SOAK					
USE: R.O. Membrane cleaner/sanitizer					
SUPPLIER: JohnsonDiversey Canada, Inc. 2401 Bristol Circle Oakville Ontario, L6H 6P1, Canada			EMERGENCY PHONE: 1-800-668-7171		
WHMIS CLASSIFICATION: E CHEMICAL FAMILY: Reducing agent			TRADE NAME / SYNONYMS: not applicable CHEMICAL NAME: Sodium Metabisulphate		
II - HAZARDOUS INGREDIENTS					
HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species	
Sodium metabisulphite	60-100	007681-57-4	LD50 1540 mg/kg	oral/rat	
III - HANDLING AND DISPOSAL PROCEDURES					
PERSONAL PROTECTIVE EQUIPMENT: Gloves: Natural Rubber, Neoprene, Nitrile or PVC Eye: safety goggles Footwear: As required Respiratory: NIOSH approved dust mask Other: Not applicable					
SPECIAL HANDLING PROCEDURES AND EQUIPMENT: Avoid breathing dust.					
VENTILATION REQUIREMENTS: General ventilation					
INCOMPATIBILITY (Material to Avoid): Acids and oxidizing materials.					
SPILL PROCEDURES: Sweep up small amounts and dispose. For large spills cover with soda ash, moisten, add vermiculite and sweep up. Flush 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. UN1758					
IV - PHYSICAL PROPERTIES					
APPEARANCE / ODOUR: White, granular powder - sulphur dioxide odour					
S.G. / BULK DENSITY(g/cc): 1.48			pH: not available.		
VAPOUR PRESSURE (mmHg): not applicable			VAPOUR DENSITY (air=1): not applicable		
ODOUR THRESHOLD: not available			BOILING POINT: not applicable		
FREEZING POINT: not applicable			PERCENT VOLATILE: 0%		
SOLUBILITY IN WATER: soluble			EVAPORATION RATE (water=1): not applicable		
V - TOXICOLOGICAL PROPERTIES					
EFFECTS OF ACUTE EXPOSURE TO MATERIAL: EYES: Will irritate eyes; cause redness and pain. SKIN: May cause skin irritation. INGESTION: Will cause abdominal pain and nausea. No adverse effect in 2-year rat at 2150 mg. INHALATION: Breathing dust will irritate mucous membranes. May cause sore throat and coughing.					
LD50 (calculated): 1540 mg/kg			LC50 (calculated): not available		
OTHER TOXIC EFFECTS: TLV 5 mg/m3					

EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: Allergy may develop after repeated exposure.

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 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: not applicable

EXPLOSIVE SENSITIVITY TO: not applicable

VIII - REACTIVITY DATA

STABILITY: Stable [x] Unstable []

CONDITIONS TO AVOID: Decomposes above 150°C.

INCOMPATIBILITY (Material to Avoid) : Acids and oxidizing material.

HAZARDOUS DECOMPOSITION PRODUCTS: Contact with acids releases sulphur dioxide. Contact with oxidizing material generates heat.

REACTIVITY: not applicable

IX - MSDS PREPARATION

SOURCES USED: Supplier MSDS

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

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