



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 2203

PRODUCT NAME: **DUAL DIP**

USE: Oxygenated Destaining Presoak

SUPPLIER:

JohnsonDiversey Canada, Inc.
2401 Bristol Circle
Oakville Ontario, L6H 6P1, Canada

EMERGENCY PHONE:

1-800-668-7171

WHMIS CLASSIFICATION: C E

CHEMICAL FAMILY: Inorganic Oxygen Donor

TRADE NAME / SYNONYMS: not applicable

CHEMICAL NAME: not applicable

II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Sodium percarbonate	30-60	015630-89-4	LD50 2000 mg/kg	oral/rat
Sodium carbonate	10-30	000497-19-8	LD50 4090 mg/kg	oral/rat
Sodium metasilicate	15-40	006834-92-0	LD50 1153 mg/kg	oral/rat
Tetrasodium pyrophosphate	1-5	007722-88-5	LD50 4000 mg/kg	oral/rat
Sodium dodecylbenzene sulphonate	0.5- 1.5	025155-30-0	LD50 1260 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: NIOSH approved dust mask as required.

Other: not required

SPECIAL HANDLING PROCEDURES AND EQUIPMENT: Avoid breathing dust. Avoid eye contact.

VENTILATION REQUIREMENTS: general ventilation

INCOMPATIBILITY (Material to Avoid): acids, reducing agents, iron, copper, rust

SPILL PROCEDURES: Sweep or scoop up material 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. Do not store above 40°C. Avoid high humidity.
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IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: White powder

S.G. / BULK DENSITY(g/cc): 0.89-1.04

pH: (0.9% solution) 11.8

VAPOUR PRESSURE (mmHg): not applicable

VAPOUR DENSITY (air=1): not applicable

ODOUR THRESHOLD: not applicable

BOILING POINT: not applicable

FREEZING POINT: not applicable

PERCENT VOLATILE: not applicable

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 result in irritation.

INGESTION: May cause severe irritation of the digestive tract. May cause permanent damage if not treated promptly.

INHALATION: Breathing dust may cause respiratory irritation.	
LD50 (calculated): 1606 mg/kg	LC50 (calculated): Not applicable
OTHER TOXIC EFFECTS: TLV (sodium percarbonate) 10 mg/m3; TLV (sodium metasilicate) 2 mg/m3; TLV (tetrasodium pyrophosphate) 10 mg/m3	
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 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. Combustion supporting oxygen released when heated.	
FLASH POINT, °C: not applicable	AUTO IGNITION TEMPERATURE, °C: N/Ap
EXTINGUISHING MEDIA: Water ☒ Dry Chemical ☐ Carbon Dioxide ☐ Foam ☐ 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 ☒ Unstable ☐	
CONDITIONS TO AVOID: Moisture and temperatures above 50°C.	
INCOMPATIBILITY (Material to Avoid) : Avoid contact with moisture, acids, reducing agents and excess heat.	
HAZARDOUS DECOMPOSITION PRODUCTS: Decomposition liberates oxygen and generates heat.	
REACTIVITY: not dangerously reactive	
IX - MSDS PREPARATION	
SOURCES USED: RTECS, MSDS for Sodium Perborate.	PREPARED BY: JohnsonDiversey Canada. Inc. Regulatory Department Institutional Division Phone (905) 829-1200
PREPARATION DATE: April 15, 2003	
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