



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 4756

PRODUCT NAME: OXYGEN BLEACH 4EP

USE: Oxygenated Laundry Bleach

SUPPLIER:

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

EMERGENCY PHONE:

1-800-668-7171

WHMIS CLASSIFICATION: C E

CHEMICAL FAMILY: Oxidizer

TRADE NAME / SYNONYMS: not applicable

CHEMICAL NAME: not applicable

II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Sodium carbonate	40-70	000497-19-8	LD50 4090 mg/kg	oral/rat
Sodium percarbonate	30-60	015630-89-4	LD50 2000 mg/kg	oral/rat
Linear alcohol ethoxylate	1-5	068131-39-5	LD50 1000 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: NIOSH-approved dusk mask, as required

Other: not required

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

VENTILATION REQUIREMENTS: general ventilation.

INCOMPATIBILITY (Material to Avoid): Salts of heavy metals, metals, acids, alkalis, combustible organic matter.

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. UN1479

IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: White powder.

S.G. / BULK DENSITY(g/cc): 0.877 ± 0.044

pH: 10.2 ± 0.5 (1% solution)

VAPOUR PRESSURE (mmHg): not applicable

VAPOUR DENSITY (air=1):

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: Corrosive. May cause severe irritation. May cause permanent damage if not treated promptly.

SKIN: May cause irritation.

INGESTION: May cause severe irritation of the digestive tract.

INHALATION: Breathing dust may cause respiratory irritation.

LD50 (calculated): 2840 mg/kg

LC50 (calculated): not available

OTHER TOXIC EFFECTS: TLV (sodium percarbonate) 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: none required	
HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon.	
EXPLOSIVE SENSITIVITY TO: not applicable	
VIII - REACTIVITY DATA	
STABILITY: Stable ☒ Unstable ☐	
CONDITIONS TO AVOID: Moisture, high humidity and temperatures above 40°C.	
INCOMPATIBILITY (Material to Avoid) : Salts of heavy metals, metals, acids, alkalis, combustible organic matter.	
HAZARDOUS DECOMPOSITION PRODUCTS: Oxygen and heat.	
REACTIVITY: not dangerously reactive	
IX - MSDS PREPARATION	
SOURCES USED: RTECS, Perborate MSDS	PREPARED BY: JohnsonDiversey Canada. Inc. Regulatory Department Institutional Division Phone (905) 829-1200
PREPARATION DATE: April 15, 2003	
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