



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 4752

PRODUCT NAME: INDUSTRIAL LAUNDRY DETERGENT 3MP

USE: Industrial Laundry Detergent

SUPPLIER:

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

EMERGENCY PHONE:

1-800-668-7171

WHMIS CLASSIFICATION: D2B

CHEMICAL FAMILY: Alkali

TRADE NAME / SYNONYMS: not applicable

CHEMICAL NAME: not applicable

II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Sodium carbonate	40-90	000497-19-8	LD50 4090 mg/kg	oral/rat
Linear alcohol ethoxylate	20-40	068131-39-5	LD50 1000 mg/kg	oral/rat
Sodium dodecylbenzene sulphonate	1-8	025155-30-0	LD50 1260 mg/kg	oral/rat
Amorphous silica dioxide	5-10	007631-86-9	LD50 3160 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.

Other: not required

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

VENTILATION REQUIREMENTS: general ventilation

INCOMPATIBILITY (Material to Avoid): Acids.

SPILL PROCEDURES: Sweep or scoop up material 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: Off white, free flowing powder.

S.G. / BULK DENSITY(g/cc): 0.58-0.68 g/mL

pH: (1% solution) 11.0

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.

SKIN: Repeated or prolonged contact may result in irritation.

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

INHALATION: Breathing dust may cause respiratory irritation.

LD50 (calculated): 2350 mg/kg		LC50 (calculated):	
OTHER TOXIC EFFECTS: TLV-TWA (ethylene oxide) 1.8 mg/kg; TLV (Amorphous silica dioxide): 2 mg/m3.			
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: not applicable			
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: none required			
HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon.			
EXPLOSIVE SENSITIVITY TO: not applicable			
VIII - REACTIVITY DATA			
STABILITY: Stable [X] Unstable []			
CONDITIONS TO AVOID: High humidity			
INCOMPATIBILITY (Material to Avoid) : Acids			
HAZARDOUS DECOMPOSITION PRODUCTS: Heat and carbon dioxide released on contact with acids.			
REACTIVITY: not dangerously reactive			
IX - MSDS PREPARATION			
SOURCES USED: ChemInfo, RTECS		PREPARED BY: JohnsonDiversey Canada, Inc. Regulatory Department Institutional Division Phone (905) 829-1200	
PREPARATION DATE: April 15, 2003			
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