



I - PRODUCT IDENTIFICATION AND USE MSDS ID: 3009342

PRODUCT NAME: ALL POWDER DETERGENT

USE: Laundry Detergent

<p>SUPPLIER: JohnsonDiversey Canada, Inc. 2401 Bristol Circle Oakville Ontario, L6H 6P1, Canada</p>	<p>EMERGENCY PHONE: 1-800-668-7171</p>
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<p>WHMIS CLASSIFICATION: D2B CHEMICAL FAMILY: Sufactant</p>	<p>TRADE NAME / SYNONYMS: not applicable CHEMICAL NAME: not applicable</p>
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II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Sodium carbonate	15-40	003313-92-6	LD50 4090 mg/kg	oral/rat
Sodium nitritotriacetate	10-30	010042-89-9	LD50 3715 mg/kg	oral/rat
Sodium dodecylbenzene sulfonate	7-13	025155-30-0	LD50 3,000 mg/kg	oral/rat
Sodium silicate	7-13	006834-92-0	LD50 3300 mg/kg	oral/rat
Alcohol linear, ethoxylated	1-5	068131-35-5	LD50 3200 mg/kg	oral/rat

III - HANDLING AND DISPOSAL PROCEDURES

PERSONAL PROTECTIVE EQUIPMENT:
Gloves: Nitrile, Neoprene or Natural rubber **Eye:** safety glasses **Footwear:** not required
Respiratory: NIOSH approved dust mask as required. **Other:** not required

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

VENTILATION REQUIREMENTS: general ventilation

INCOMPATIBILITY (Material to Avoid): Acids and oxidizers

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.

IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: White, free-flowing, granular powder; perfumed	
S.G. / BULK DENSITY(g/cc): 0.32 - 0.35	pH: 10.5 - 11.0
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: not applicable
SOLUBILITY IN WATER: soluble	EVAPORATION RATE (water=1):

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 cramps, vomiting and diarrhea.

INHALATION: Breathing dust may cause respiratory irritation.

LD50 (calculated): not available

LC50 (calculated): not available

OTHER TOXIC EFFECTS: TLV (Sodium silicate) 5 mg/m3

EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: This product contains NTA. In laboratory tests, rats and mice continuously fed highly exaggerated doses of NTA showed evidence of urinary tract (bladder and kidney) toxicity, including cancer; lower doses showed none of these toxic effects. By ACGIH guidelines, NTA would not be considered an occupational (human) carcinogen of any practical significance.

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.

VII - FIRE AND EXPLOSION DATA

FLAMMABLE: No

FLASH POINT, °C: not applicable

AUTO IGNITION TEMPERATURE, °C: Not appl.

EXTINGUISHING MEDIA: Water [x] Dry Chemical [x] Carbon Dioxide [x] Foam [x] Other []

SPECIAL FIRE FIGHTING PROCEDURES: not required

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon, nitrogen.

EXPLOSIVE SENSITIVITY TO: Impact [] Static Discharge [] Heat [] Other []

VIII - REACTIVITY DATA

STABILITY: Stable [x] Unstable []

CONDITIONS TO AVOID: none

INCOMPATIBILITY (Material to Avoid) : Acids and oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS: Heat generated on contact with acids or oxidizers.

REACTIVITY: not dangerously reactive

IX - MSDS PREPARATION

SOURCES USED: RTECS, MSDS

PREPARED BY: JohnsonDiversey Canada, Inc.
Regulatory Department
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PREPARATION DATE: June 20, 2002

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