



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 4753

PRODUCT NAME: HEAVY DUTY LAUNDRY DETERGENT 3TP**USE:** Laundry Detergent**SUPPLIER:**JohnsonDiversey Canada, Inc.
2401 Bristol Circle
Oakville Ontario, L6H 6P1, Canada**EMERGENCY PHONE:****1-800-668-7171****WHMIS CLASSIFICATION:** E**CHEMICAL FAMILY:** Caustic Alkali**TRADE NAME / SYNONYMS:** not applicable**CHEMICAL NAME:** not applicable

II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Sodium hydroxide	15-40	001310-73-2	LDLo 500 mg/kg	oral/rab
Sodium carbonate	40-70	000497-19-8	LD50 4090 mg/kg	oral/rat
Linear alcohol ethoxylate	5-10	068131-39-5	LD50 1000 mg/kg	oral/rat
Sodium dodecylbenzene sulphonate	1-5	025155-30-0	LD50 1260 mg/kg	oral/rat
Amorphous silica dioxide	0.5- 1.5	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 goggles**Footwear:** not required**Respiratory:** NIOSH-approved dust mask as required**Other:** not required**SPECIAL HANDLING PROCEDURES AND EQUIPMENT:**

Do not breathe dust. Avoid eye and skin contact. Rapid mixing of this product with water generates heat and dangerous boiling can result. Always add this product to cold water slowly and with good mixing.

VENTILATION REQUIREMENTS: general ventilation**INCOMPATIBILITY (Material to Avoid):** acids**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. UN3262

IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: Off white to tan powder**S.G. / BULK DENSITY(g/cc):** 1.09 tamped**pH:** (1% solution) 13.0 ± 0.5**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:** Corrosive. May cause severe irritation. May cause permanent damage if not treated promptly.**SKIN:** Corrosive. May cause severe irritation. May cause temporary or permanent damage if not treated promptly.

INGESTION: Corrosive. May cause severe irritation of the digestive tract. May cause permanent damage if not treated promptly.	
INHALATION: Corrosive. Breathing dust may cause respiratory irritation.	
LD50 (calculated): 1195 mg/kg	LC50 (calculated): not applicable
OTHER TOXIC EFFECTS: TLV-CL (sodium hydroxide) 2 mg/m3; TLV-TWA (Ethylene oxide) 1.8 mg/kg	
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	
FLASH POINT, °C: not applicable	AUTO IGNITION TEMPERATURE, °C: N/Ap
EXTINGUISHING MEDIA: Water [x] Dry Chemical [x] Carbon Dioxide [x] Foam [x] Other []	
SPECIAL FIRE FIGHTING PROCEDURES: Corrosive solutions formed with water.	
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: Carbon dioxide and heat released on contact with acids.	
REACTIVITY: not dangerously reactive	
IX - MSDS PREPARATION	
SOURCES USED: RTECS	PREPARED BY: JohnsonDiversey Canada, Inc. Regulatory Department Institutional Division Phone (905) 829-1200
PREPARATION DATE: April 15, 2003	
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