



I - PRODUCT IDENTIFICATION AND USE				MSDS ID: 57250
PRODUCT NAME: SUMA ULTRA L2				
USE: Mechanical warewashing 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	10-30	001310-73-2	LDLo 500 mg/kg	oral/rab
Tetrasodium edta	7-13	000064-02-8	LD50 3200 mg/kg	oral/rat
III - HANDLING AND DISPOSAL PROCEDURES				
PERSONAL PROTECTIVE EQUIPMENT:				
Gloves: Natural Rubber, neoprene or nitrile		Eye: Safety goggles		Footwear: As required
Respiratory: Not normally required.			Other: Not normally required.	
SPECIAL HANDLING PROCEDURES AND EQUIPMENT: Avoid eye and skin contact. If mists are generated, use NIOSH approved mask.				
VENTILATION REQUIREMENTS: General ventilation				
INCOMPATIBILITY (Material to Avoid): Acids, aluminum and other soft metals.				
SPILL PROCEDURES: Contain the spill. Do not allow the spilled product to go to drain. Mop up or soak up with absorbent clay 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.				UN1824
IV - PHYSICAL PROPERTIES				
APPEARANCE / ODOUR: Clear red liquid				
S.G. / BULK DENSITY(g/cc): not available			pH: not available	
VAPOUR PRESSURE (mmHg): not available			VAPOUR DENSITY (air=1): not available	
ODOUR THRESHOLD: not applicable			BOILING POINT: approx. 100°C	
FREEZING POINT: not available			PERCENT VOLATILE: approx. 71%	
SOLUBILITY IN WATER: soluble			EVAPORATION RATE (water=1): 1	
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 temporary or permanent damage if not treated promptly.				
INHALATION: Corrosive. Inhalation of spray or mist may cause irritation of respiratory tract.				
LD50 (calculated): 2443 mg/kg			LC50 (calculated): not applicable	

OTHER TOXIC EFFECTS: TLV - CL (sodium hydroxide): 2 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

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: Wear self-contained breathing apparatus.

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon, nitrogen.

EXPLOSIVE SENSITIVITY TO: not applicable

VIII - REACTIVITY DATA

STABILITY: Stable [X] Unstable []

CONDITIONS TO AVOID: Not applicable

INCOMPATIBILITY (Material to Avoid) : Acids, aluminum and other soft metals.

HAZARDOUS DECOMPOSITION PRODUCTS: Heat released on contact with acids. Nitrogen oxides and carbon monoxide released when product is burned. Contact with aluminum or other soft metals generates hydrogen gas.

REACTIVITY: Not dangerously reactive

IX - MSDS PREPARATION

SOURCES USED: ChemInfo

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PREPARATION DATE: March 10, 2006

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