



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 57252

PRODUCT NAME: SUMA NOVA L6**USE:** Mechanical warewashing detergent**SUPPLIER:**JohnsonDiversey Canada, Inc.
2401 Bristol Circle
Oakville Ontario, L6H 6P1, Canada**EMERGENCY PHONE:****1-800-668-7171****WHMIS CLASSIFICATION:** D2B E**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 hydroxide	7-13	001310-73-2	LD ₅₀ 500 mg/kg	oral/rat
Sodium nitrilotriacetate	10-30	005064-31-3	LD ₅₀ 1100 mg/kg	oral/rat
1-hydroxyethylidene-1, 1-diphosphonate, sodium salt	1-5	029329-71-3	LD ₅₀ >2850 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:** Rubber apron as 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:** approx. 0°C**PERCENT VOLATILE:** 68%**SOLUBILITY IN WATER:** soluble**EVAPORATION RATE (water=1):** not available

V - TOXICOLOGICAL PROPERTIES

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:**EYES:** Corrosive. May cause permanent damage if not treated promptly. May cause severe irritation.**SKIN:** Corrosive. May cause temporary or permanent damage if not treated promptly. May cause severe irritation.**INGESTION:** Corrosive. May cause temporary or permanent damage if not treated promptly. May cause severe irritation of the digestive tract.**INHALATION:** Corrosive. Inhalation of spray or mist may cause severe respiratory irritation.

LD50 (calculated): 2562 mg/kg	LC50 (calculated): not applicable
OTHER TOXIC EFFECTS: TLV - CL (Sodium hydroxide): 2 mg/m ³	
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. Get medical attention for any breathing difficulty.
VII - FIRE AND EXPLOSION DATA	
FLAMMABLE:	No
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:	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. Contact with aluminum or other soft metals generates hydrogen gas. Nitrogen oxide, carbon monoxide, oxides of phosphorus.
REACTIVITY:	not dangerously reactive
IX - MSDS PREPARATION	
SOURCES USED: RTECS, ChemInfo	PREPARED BY: JohnsonDiversey Canada, Inc. Regulatory Department Institutional Division Phone (905) 829-1200
PREPARATION DATE: March 10, 2006	
<p>Information on this form is furnished in compliance with the Regulations respecting Controlled Products under the Hazardous Products Act and is not to be used for any other purpose, nor is it to be reproduced or published. JohnsonDiversey Canada assumes no responsibility for injury to any person or property resulting from any use of the material if reasonable safety procedures are not adhered to. In addition, JohnsonDiversey Canada assumes no responsibility for injury to any person or property resulting from any abnormal use or theft of the material, even if reasonable safety procedures are followed. Each user assumes the risk in his use of the material and should review the data and recommendations in the specific context of the intended use.</p>	