



I - PRODUCT IDENTIFICATION AND USE				MSDS ID: 57238
<b>PRODUCT NAME:</b> SUMA DIVERPAK P6				
<b>USE:</b> Encapsulated machine dish detergent				
<b>SUPPLIER:</b> JohnsonDiversey Canada, Inc. 2401 Bristol Circle Oakville Ontario, L6H 6P1, Canada		<b>EMERGENCY PHONE:</b>  <b>1-800-668-7171</b>		
<b>WHMIS CLASSIFICATION:</b> E <b>CHEMICAL FAMILY:</b> caustic alkali		<b>TRADE NAME / SYNONYMS:</b> not applicable <b>CHEMICAL NAME:</b> not applicable		
II - HAZARDOUS INGREDIENTS				
HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Sodium hydroxide	30-60	001310-73-2	LDLo 500 mg/kg	oral/rab
Sodium carbonate	10-30	000497-19-8	LD50 4090 mg/kg	oral/rat
III - HANDLING AND DISPOSAL PROCEDURES				
<b>PERSONAL PROTECTIVE EQUIPMENT:</b>				
<b>Gloves:</b> Natural rubber, neoprene or nitrile		<b>Eye:</b> Safety goggles		<b>Footwear:</b> As required
<b>Respiratory:</b> NIOSH approved dust mask		<b>Other:</b> Rubber apron as required		
<b>SPECIAL HANDLING PROCEDURES AND EQUIPMENT:</b> Do not breathe dust. Avoid eye and skin contact. Do not remove screen from capsule. 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.				
<b>VENTILATION REQUIREMENTS:</b> General ventilation				
<b>INCOMPATIBILITY (Material to Avoid):</b> Acids, aluminium and other soft metals.				
<b>SPILL PROCEDURES:</b> Sweep or scoop up material for disposal. Wash spill area with large volumes of water.				
<b>WASTE DISPOSAL:</b> Dispose according to municipal, provincial, and federal regulations.				
<b>STORAGE / SHIPPING REQUIREMENT:</b> Store in a cool dry area in a closed container. Avoid high humidity.				UN1823
IV - PHYSICAL PROPERTIES				
<b>APPEARANCE / ODOUR:</b> White free-flowing powder				
<b>S.G. / BULK DENSITY(g/cc):</b> 1.01 - 1.20		<b>pH:</b> (4% solution) 13.6		
<b>VAPOUR PRESSURE (mmHg):</b> not applicable		<b>VAPOUR DENSITY (air=1):</b> not applicable		
<b>ODOUR THRESHOLD:</b> not applicable		<b>BOILING POINT:</b> not applicable		
<b>FREEZING POINT:</b> not applicable		<b>PERCENT VOLATILE:</b> not applicable		
<b>SOLUBILITY IN WATER:</b> soluble		<b>EVAPORATION RATE (water=1):</b> not applicable		
V - TOXICOLOGICAL PROPERTIES				
<b>EFFECTS OF ACUTE EXPOSURE TO MATERIAL:</b>				
<b>EYES:</b> Corrosive. May cause severe irritation. May cause permanent damage if not treated promptly.				
<b>SKIN:</b> Corrosive. May cause severe irritation. May cause temporary or permanent damage if not treated promptly.				
<b>INGESTION:</b> Corrosive. May cause severe irritation of the digestive tract. May cause temporary or permanent damage if not treated promptly.				
<b>INHALATION:</b> Corrosive. Breathing dust may cause respiratory irritation.				

<b>LD50 (calculated):</b> 1061 mg/kg	<b>LC50 (calculated):</b> not applicable
<b>OTHER TOXIC EFFECTS:</b> TLV: CL (sodium hydroxide) 2mg/m3	
<b>EFFECTS OF CHRONIC EXPOSURE TO MATERIAL:</b> none known	
<b>VI - FIRST AID MEASURES</b>	
<b>EYES:</b>	Flush eyes with plenty of water for at least 15 minutes. Hold eyelids open while rinsing. Contact a physician immediately
<b>SKIN:</b>	Flush affected area thoroughly with water. If irritation develops, contact a physician.
<b>INGESTION:</b>	Drink large volumes of water . Never give anything by mouth to an unconscious patient. Do not induce vomiting. Contact a physician immediately.
<b>INHALATION:</b>	Remove patient to fresh air. Get medical attention for any breathing difficulty.
<b>VII - FIRE AND EXPLOSION DATA</b>	
<b>FLAMMABLE:</b> No	
<b>FLASH POINT, °C:</b> not applicable	<b>AUTO IGNITION TEMPERATURE, °C:</b> N/Ap
<b>EXTINGUISHING MEDIA:</b> Water [x] Dry Chemical [x] Carbon Dioxide [x] Foam [x] Other [ ]	
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b> Wear self-contained breathing apparatus.	
<b>HAZARDOUS COMBUSTION PRODUCTS:</b> None known	
<b>EXPLOSIVE SENSITIVITY TO:</b> not applicable	
<b>VIII - REACTIVITY DATA</b>	
<b>STABILITY:</b> Stable [x] Unstable [ ]	
<b>CONDITIONS TO AVOID:</b> Not applicable	
<b>INCOMPATIBILITY (Material to Avoid) :</b> Acids, aluminum and other soft metals.	
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b> Contact with acids produces heat. Contact with soft metals generates hydrogen gas.	
<b>REACTIVITY:</b> not dangerously reactive	
<b>IX - MSDS PREPARATION</b>	
<b>SOURCES USED:</b> RTECS, ChemInfo	<b>PREPARED BY:</b> JohnsonDiversey Canada. Inc. Regulatory Department Institutional Division Phone (905) 829-1200
<b>PREPARATION DATE:</b> April 15, 2003	
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