



I - PRODUCT IDENTIFICATION AND USE		MSDS ID: 2230		
<b>PRODUCT NAME:</b> SUMA SOAK				
<b>USE:</b> Kitchenware Presoak				
<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> D2B	<b>TRADE NAME / SYNONYMS:</b> not applicable			
<b>CHEMICAL FAMILY:</b> Chlorinated Alkali	<b>CHEMICAL NAME:</b> not applicable			
II - HAZARDOUS INGREDIENTS				
HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Sodium carbonate	15-40	000497-19-8	LD50 4090 mg/kg	oral/rat
Linear alcohol ethoxylate/ propoxylate	1-5	068551-13-3	not available	
Sodium metasilicate	1-5	006834-92-0	LD50 1153 mg/kg	oral/rat
Sodium dichlorisocyanurate	1-5	051580-86-0	LD50 620 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 glasses	<b>Footwear:</b> not required		
<b>Respiratory:</b> NIOSH approved dust mask as required.	<b>Other:</b> not required			
<b>SPECIAL HANDLING PROCEDURES AND EQUIPMENT:</b> Avoid breathing dust. Avoid eye and skin contact.				
<b>VENTILATION REQUIREMENTS:</b> general ventilation				
<b>INCOMPATIBILITY (Material to Avoid):</b> acids, reducing agents				
<b>SPILL PROCEDURES:</b> Sweep or scoop up material for disposal.				
<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.				
IV - PHYSICAL PROPERTIES				
<b>APPEARANCE / ODOUR:</b> White, free-flowing powder - chlorine odour				
<b>S.G. / BULK DENSITY(g/cc):</b> 1.05		<b>pH:</b> (1% solution): 11.4		
<b>VAPOUR PRESSURE (mmHg):</b> not applicable		<b>VAPOUR DENSITY (air=1):</b> not applicable		
<b>ODOUR THRESHOLD:</b> 0.2-0.4 ppm chlorine		<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> May cause severe irritation. May cause permanent damage if not treated promptly.				
<b>SKIN:</b> May cause severe irritation.				
<b>INGESTION:</b> May cause severe irritation of the digestive tract. May cause temporary or permanent damage if not treated promptly.				
<b>INHALATION:</b> Breathing dust may cause respiratory irritation.				

<b>LD50 (calculated):</b> 620 mg/kg	<b>LC50 (calculated):</b> not applicable
<b>OTHER TOXIC EFFECTS:</b> TLV (sodium metasilicate) 2 mg/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> Chlorine gas may be released when heated. Oxides of carbon, nitrogen.	
<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, reducing agents	
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b> Contact with acids generates chlorine 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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