

**MATERIAL SAFETY  
DATA SHEET**



I - PRODUCT IDENTIFICATION AND USE					2315
<b>PRODUCT NAME:</b> SUNLIGHT OVEN AND GRILL CLEANER					
<b>USE:</b> Oven and Grill Cleaner					
<b>SUPPLIER:</b> DiverseyLever Canada division of U L 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	7-13	001310-73-2	LDLo 500 mg/kg	oral/rab	
Phosphate ester of polyoxy alkylated fatty acid alcohol	1-5	068649-29-6	LD50 5200 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> not required	
<b>Respiratory:</b> If mists are generated, use NIOSH approved mask.			<b>Other:</b> not required		
<b>SPECIAL HANDLING PROCEDURES AND EQUIPMENT:</b> Avoid eye and skin contact.					
<b>VENTILATION REQUIREMENTS:</b> general ventilation					
<b>INCOMPATIBILITY (Material to Avoid):</b> acids, soft metals					
<b>SPILL PROCEDURES:</b> Wear protective clothing. Contain the spill. Do not allow the spilled product to go to drain. Neutralize with dilute acid. Mop up or soak up with absorbent clay 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. Avoid freezing.					
IV - PHYSICAL PROPERTIES					
<b>APPEARANCE / ODOUR:</b> Straw coloured, clear liquid-odourless					
<b>S.G. / BULK DENSITY(g/cc):</b> 1.16			<b>pH:</b> 13.6		
<b>VAPOUR PRESSURE (mmHg):</b> not available			<b>VAPOUR DENSITY (air=1):</b> not available		
<b>ODOUR THRESHOLD:</b> not available			<b>BOILING POINT:</b> not available		
<b>FREEZING POINT:</b> not available			<b>PERCENT VOLATILE:</b> 81%		
<b>SOLUBILITY IN WATER:</b> soluble			<b>EVAPORATION RATE (water=1):</b> 1		
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 permanent damage if not treated promptly.					
<b>INGESTION:</b> Corrosive. May cause severe irritation of the digestive tract. May cause permanent damage if not treated promptly.					
<b>INHALATION:</b> Breathing vapours or spray may cause respiratory irritation.					
<b>LD50 (calculated):</b> 3,935 mg/kg			<b>LC50 (calculated):</b> not applicable		

<b>OTHER TOXIC EFFECTS:</b> TLV (Sodium hydroxide) CL 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 protective clothing.	
<b>HAZARDOUS COMBUSTION PRODUCTS:</b> Oxides of carbon.	
<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, soft metals	
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b> Heat on contact with acids.	
<b>REACTIVITY:</b> Not dangerously reactive.	
<b>IX - MSDS PREPARATION</b>	
<b>SOURCES USED:</b> RTECS	<b>PREPARED BY:</b> DiverseyLever Canada Research and Development Department Institutional Division Phone (905) 829-1200
<b>PREPARATION DATE:</b> October 18, 2000	
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