



## I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 1277

**PRODUCT NAME:** GREASE BEAST**USE:** Heavy duty cleaner and degreaser**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
Potassium hydroxide	1-5	001310-58-3	LD50 273 mg/kg	oral/rat
Dipropylene glycol methyl ether	1-5	034590-94-8	LD50 5660 mg/kg	oral/rat
Sodium alphaolefin sulphonate	1-5	068439-57-6	LD50 >3500 mg/kg	oral/rat
Sodium dodecylbenzene sulphonate	1-5	025155-30-0	LD50 1260 mg/kg	oral/rat

## III - HANDLING AND DISPOSAL PROCEDURES

**PERSONAL PROTECTIVE EQUIPMENT:****Gloves:** Natural Rubber, Neoprene or Nitrile    **Eye:** safety goggles    **Footwear:** not required**Respiratory:** If mists are generated, use NIOSH approved mask.    **Other:** not required**SPECIAL HANDLING PROCEDURES AND EQUIPMENT:** Avoid eye and skin contact.**VENTILATION REQUIREMENTS:** general ventilation**INCOMPATIBILITY (Material to Avoid):** acids**SPILL PROCEDURES:** 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.**WASTE DISPOSAL:** Dispose according to municipal, provincial, and federal regulations.**STORAGE / SHIPPING REQUIREMENT:** Store in a cool dry area in a closed container. Avoid freezing. UN1760

## IV - PHYSICAL PROPERTIES

**APPEARANCE / ODOUR:** Clear purple liquid**S.G. / BULK DENSITY(g/cc):** 1.09**pH:** (concentrate) 13.4**VAPOUR PRESSURE (mmHg):** not available**VAPOUR DENSITY (air=1):** not available**ODOUR THRESHOLD:** not available**BOILING POINT:** approx. 100°C**FREEZING POINT:** approx. 0°C**PERCENT VOLATILE:** 80%**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 permanent damage if not treated promptly.**INGESTION:** 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> 6203 mg/kg	<b>LC50 (calculated):</b> not applicable
<b>OTHER TOXIC EFFECTS:</b> TLV (Potassium hydroxide): CL 2 mg/m <sup>3</sup> ; TLV (Dipropylene glycol methyl ether): TWA 606 mg/m <sup>3</sup> , STEL 909 mg/m <sup>3</sup>	
<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> Oxides of carbon, sulphur.	
<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	
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b> Heat released on contact with acids.	
<b>REACTIVITY:</b> not dangerously reactive.	
<b>IX - MSDS PREPARATION</b>	
<b>SOURCES USED:</b> RTECS	<b>PREPARED BY:</b> JohnsonDiversey Canada. Inc. Regulatory Department Institutional Division Phone (905) 829-1200
<b>PREPARATION DATE:</b> April 15, 2003	
<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>	