



## I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 1265

PRODUCT NAME: OVEN &amp; GRILL CLEANER D94

USE: Oven &amp; grill cleaner

## 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
Sodium hydroxide	7-13	001310-73-2	LDLo 500 mg/kg	oral/rab
Dipropylene glycol methyl ether	3-7	034590-94-8	LD50 5180 mg/kg	oral/rat

## III - HANDLING AND DISPOSAL PROCEDURES

## PERSONAL PROTECTIVE EQUIPMENT:

Gloves: Nitrile or Neoprene

Eye: safety goggles

Footwear: as required

Respiratory: If mists are generated, use NIOSH approved mask

Other: not normally required

SPECIAL HANDLING PROCEDURES AND EQUIPMENT: Avoid eye and skin contact.

VENTILATION REQUIREMENTS: general ventilation

INCOMPATIBILITY (Material to Avoid): Acids, aluminum, zinc.

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. UN1824

## IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: Clear brown liquid

S.G. / BULK DENSITY(g/cc): 1.12

pH: &gt;13.0

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: 85%

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.

INHALATION: Breathing vapours or spray may cause respiratory irritation.

LD50 (calculated): 4815 mg/kg

LC50 (calculated): not applicable

**OTHER TOXIC EFFECTS:** TLV-TWA Sodium hydroxide 2 mg/m<sup>3</sup>; Dipropylene Glycol Methyl Ether TWA 606 mg/m<sup>3</sup>, STEL 909 mg/m<sup>3</sup> skin

**EFFECTS OF CHRONIC EXPOSURE TO MATERIAL:** none known

### 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/Ap

**EXTINGUISHING MEDIA:** Water [x]    Dry Chemical [x]    Carbon Dioxide [x]    Foam [x]    Other [ ]

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear protective clothing.

**HAZARDOUS COMBUSTION PRODUCTS:** Oxides of carbon.

**EXPLOSIVE SENSITIVITY TO:** not applicable

### VIII - REACTIVITY DATA

**STABILITY:** Stable [x]    Unstable [ ]

**CONDITIONS TO AVOID:** not applicable

**INCOMPATIBILITY (Material to Avoid) :** Acids, aluminum, zinc.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Heat on contact with acids. Contact with metals forms flammable hydrogen gas.

**REACTIVITY:** Not dangerously reactive.

### IX - MSDS PREPARATION

**SOURCES USED:** RTECS

**PREPARED BY:** JohnsonDiversey Canada. Inc.  
Regulatory Department  
Institutional Division  
Phone (905) 829-1200

**PREPARATION DATE:** April 15, 2003

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