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*"Products That Don't Cost The Earth"*

## OVEN & GRILL DEGREASER

OVEN & GRILL is a powerful industrial strength degreaser to clean grease, fat and food soils from grill, hot plate, stove and rotisseries.

OVEN & GRILL will remove oil, grease, grey and grimy buildup from all surfaces like, stainless steel, ceramic tiles, quarry tiles and concrete floors with ease.

### HOW DOES IT WORK? HOW TO USE?

#### WHERE TO USE

Kitchens, hot plate, grill, ovens, rotisseries, exhaust fans, kitchen floors, cleaning greasy surfaces, carbon based like, tar and grime removal.

#### HOW TO USE

**Caution \* When using this product always wear gloves\***

##### **Hot Plate:**

1 part OVEN & GRILL 2 parts water. ( kitchen hot plate )

Cover the surface of the hot plate with a thin layer. Wait for 60 seconds, get a jug of warm water, and slowly pour on to surface by using a scraper pull the dirty water off and rinse. In 60 seconds your hot plate is in new condition ready to go.

\*You will always get better results when the surface is warm (not hot).

**Degreasing :** Dilute OVEN & GRILL 1:3 to 5 parts water. (kitchens, ovens, rotisseries, exhaust fan, greasy marks and stains).

Apply OVEN & GRILL solution with spray. Leave to soak 5 minutes and wipe off with scourer.

##### **Heavy duty:**

1 part OVEN & GRILL 10 to 20 parts water. ( concrete in food processing )

Apply by spray or mop. Scrub with rotary machine or wipe off with scourer.

*Read MSDS sheet for, Safety & First Aid*

*You don't have to settle for second best to save money when cleaning.  
Step-up to the new level in Cleaning Detergents & Soaps.*

*Use Enviro Chemicals and you will never settle for second best again.*

*We trust this product will be of interest to you and for more info visit our Web site.  
Please do not hesitate to contact us if we can be of further assistance.*

## MATERIAL SAFETY DATA SHEET

### 1. PRODUCT & COMPANY IDENTIFICATION

**Product Name:** OVEN & GRILL DEGREASER

**Uses:** Cleaner for ovens, grills and hot plates.

**COMPANY DETAILS:**

**Company :** Enviro Chemicals (Aust.) Pty Ltd. (A.C.N : 094087493 ).

**Address :** 740-744 Woodville Rd. Fairfield East NSW 2165

**Emergency:** PH: (02) 9755 2012 (Business hour ) or Poisons Information centre : 13 11 2

### 2. HAZARDS IDENTIFICATION

**Classified as hazardous according to criteria of NOHSC**

**Dangerous According to the Australian Code for the Transport of Dangerous Goods**

**Risk Classification:** C; Corrosive.

**Risk Phrases:** R35: Causes severe burns.  
R22: Harmful if swallowed.

**Safety Phrases**

S1/2 Keep locked up and out of reach of children.  
S24/25 Avoid contact with skin and eyes.  
S26 In case of contact with eyes, rinse with plenty of water and seek medical advice.  
S37/39 Wear suitable gloves and eye/face protection  
S45 In case of accident or you feel unwell, seek medical advice immediately (show label or this MSDS whenever possible).

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Identity	Percentage	CAS No.
Potassium Hydroxide	< 20	1310-58-3
Sodium Metasilcate	< 10	6834-92-0
Surfactant	< 5	Non Hazardous
Water	Remainder	7732-18-5

Page 1 of 5

Revision date

08.06.2013

## 4. FIRST AID MEASURES

**Swallowed:** Immediately rinse mouth with water. If patient is unconscious, or not able to swallow, Do Not give anything by mouth to eat/drink, lay patients head to one side. If patient is conscious give water or milk to drink immediately. If vomiting occurs naturally, keep head lower than hips to prevent aspiration. Seek medical attention immediately.

**Eye Exposure:** Immediately flush eyes with plenty of water, 15 to 20 minutes, holding eyelids open. Seek medical attention immediately.

**Skin Exposure:** Remove all contaminated clothing. Wash affected area with plenty of water for 15 minutes. If burns occur seek medical attention immediately launder clothing before reuse.

**Inhalation:** Remove victim from exposure to fresh air. If feeling unwell seek medical advice.

### **Advice to Doctor**

No antidote is available. If inhaled, apply oxygen. If swallowed, endoscopy of the esophagus must be considered. The patient must be functionally treated according to symptoms.

## 5. FIRE FIGHTING MEASURES

**Hazchem Code:** 2R

### **Extinguishing Media**

In case of fire, use appropriate media for surrounding fire.

Product is water based and is unlikely to play a contributing role in any fire. Heated product may splatter.

### **Special protective precautions and equipment for fire fighters**

Fire fighters should wear self contained breathing apparatus and full protective clothing along with protective equipment.

### **Hazards from Combustion Products**

No data available.

### **Flammability Conditions**

Product is not flammable.

## 6. ACCIDENTAL RELEASE MEASURES

### **Personal precautions:**

Use personal protective equipment including impervious gloves and eye protection.

Spilt material creates slippery conditions.

### **Environmental precautions:**

CAUTION: Keep spills and cleaning runoff out of drains and open bodies of water.

### **Methods & Materials for Containment & Clean Up:**

Contain spills immediately with inert absorbent materials (e.g. sand, earth).

Transfer liquids and used absorbent material to separate suitable containers for recovery or disposal.

## 7. HANDLING & STORAGE

### **Handling:**

Avoid contact with eyes and skin. Ensure eyewash and safety shower are available and ready for use.

### Conditions for safe storage

Store in a cool, dry, well-ventilated area. Keep container tightly closed when not in use. Do not store next to strong oxidizing agents or strong acids.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure limit(s):** Not established for this product

For Potassium Hydroxide TLV =  $2\text{mg}/\text{m}^3$  – Ceiling Value

**Eye protection:** Wear safety glasses. Eye protection should conform to Australian/New Zealand Standards AS/NZS 1337 – Eye Protection For Industrial Applications.

**Hand protection:** Wear impervious gloves.

**Engineering measures:** Use only in well ventilated area.

**Biological Limit Values:** Not available

## 9. PHYSICAL & CHEMICAL PROPERTIES

<b>Physical state:</b>	Liquid
<b>Colour:</b>	Yellowish to Light Brownish
<b>Odour:</b>	Odourless
<b>pH:</b>	Approximately 14
<b>Boiling point/range:</b>	Not determined
<b>Melting point/range:</b>	Not determined
<b>Flash point:</b>	Non combustible
<b>Lower explosion limit:</b>	Not applicable
<b>Upper explosion limit:</b>	Not applicable
<b>Vapour pressure:</b>	Not established
<b>Relative vapour density:</b>	Not established
<b>Water solubility:</b>	Miscible with water at all proportions
<b>Relative density:</b>	1.20
<b>Viscosity, dynamic:</b>	Not applicable
<b>Evaporation rate:</b>	Not established
<b>Percent volatility:</b>	Not determined

NOTE: The physical data presented above are typical values and should not be construed as a specification.

## 10. STABILITY & REACTIVITY

**Hazardous Reactions:** Product is stable under normal conditions of use, storage and temperature. Do not store in metal containers especially aluminium.

**Materials to avoid:** Avoid contact with strong acids and strong oxidising agents. Do not contact with aluminium. Other metals to avoid are tin and zinc. Incompatible with perchlorates, peroxides, permanganates, chlorates, nitrates, chlorine, bromine and fluorine.

**Polymerization:** Product will not undergo dangerous polymerization.

## 11. TOXICOLOGICAL INFORMATION

No data is available for this material

### **Toxicity Data: For Potassium Hydroxide**

Oral Rat LD50: 273mk/kg. Corrosive agent: Inhalation, the skin, the eyes and swallowed.

Degree of Acute Toxicity: If swallowed, it is poisonous.

### **Health Effects – Acute**

#### **Swallowed**

If swallowed product will cause severe pain in the oral cavity and the oesophagus, vomiting and diarrhoea. The vomit will contain blood and substances from the insides of a mucous membrane. If patient does not die within 24 hours, he/she will recover for 2 – 4 days, then suffer from sudden pains, abnormal tetany of stomach and rapid fall of blood pressure indicating oesophagus perforation. In case of Esophagostenosis, its early symptoms appear within a few weeks but may appear a few years later.

#### **Eye**

Product will cause conjunctival oedema and corneal destruction. Causes burns and severe eye damage.

#### **Skin**

Product causes severe burns to skin.

#### **Inhaled**

Inhalation of mist causes burns to the respiratory tracts. In case of severe exposure, pneumonia, circulatory disturbance and peritonitis may arise.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** No data available

**Persistence and degradability:** No information available for this product.

**Mobility:** No information available on this product.

### **Additional information**

**Environmental fate (exposure):** Avoid contaminating waterways, drains and sewers.

**Bioaccumulative potential:** No information available for this product.

## 13. DISPOSAL CONSIDERATIONS

**Environmental precautions:** CAUTION: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

**Disposal:** Dispose of in accordance with local, state and federal regulations.

## 14. TRANSPORT INFORMATION

### **Australian Code For Transport of Dangerous Goods by ROAD and RAIL**

**U.N. Number:** 1719

**U.N. Proper Shipping Name:** CAUSTIC ALKALI LIQUID N.O.S.

**Subsidiary Risk:** N/A

**Packaging Group:** III

**Hazchem Code:** 2R

## 15. REGULATORY INFORMATION

### Label

Classification and labelling have been performed according to regulations.

**Poison Schedule** S6

**EPG** : CAUSTIC ALKALI N.O.S.

**Australia. Industrial Chemical (Notification and Assessment) Act (AUSTR).** All ingredients in this preparation are listed in the Australian Inventory of Chemical Substances, AICS.

## 16. OTHER INFORMATION

**Date of Preparation:** 08-06-2013

### Key to Abbreviations & Acronyms Used in MSDS:

<	Less Than
>	Greater Than
AICS	Australian Inventory of Chemical Substances
CAS	Chemical Abstracts Service (Registry Number)
LC50	LC stands for lethal Concentration. LC50 is the concentration of a material in air which causes death of 50% (one half ) of a group of test animals.
LD50	LD stands for "Lethal Dose". LD50 is the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals.
NOHSC	National Occupational Health and Safety Commission.
PEL	Permissible Exposure Limit.
STEL	Short Term Exposure Limit
TLV	Threshold Limit Value
TWA	Time Weighted Average
UN	United Nations (Number)
deg C (°C)	Degrees Celsius
g	Gram
g/cm <sup>3</sup>	Grams per cubic centimetre
g/l	Grams per litre
Immiscible	Liquids are insoluble in each other
kg	Kilogram
kg/m <sup>3</sup>	Kilograms per cubic metre
ltr	Litre
m <sup>3</sup>	Cubic metre
mg	Milligram
mg/24H	Milligrams per 24 hours
mg/kg	Milligrams per kilogram
mg/m <sup>3</sup>	Milligrams per cubic metre
miscible	Liquids form one homogeneous liquid
ppm	Parts per million
wt	weight

### Literature References: Supplies MSDS

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

The information contained in this MSDS at the date of issue, is to the best of our knowledge, correct and complete. The MSDS is meant to describe the safety requirements of our product and should not be interpreted as a guarantee of specific properties. No warranty is expressed or implied with regard to its accuracy, reliability or completeness.

**END OF MSDS**