



**Hazardous ingredients** : ■ SODIUM HYDROXIDE  
CAS 1310-73-2  
[Xi] R35

#### 4. FIRST-AID MEASURES

**Skin contact** : Precautionary; rinse with water  
**Eye contact** : Immediately bathe eye in clean water for at least 15 minutes, lifting lower and upper eye lids. Get medical attention immediately.  
**Ingestion** : DO NOT INDUCE VOMITING. If conscious, give large quantities of water.  
**Inhalation** : Move to fresh air.

#### 5. FIRE-FIGHTING MEASURES

**Extinguishing Media**  
**Suitable** : SMALL FIRE: Use DRY chemical powder.  
Do not use water jet.  
**Not suitable** : No additional remark.  
**Unusual fire/explosion hazard** : None  
**Hazardous thermal** : Not applicable  
**(de)composition products**  
**Special fire-fighting procedures** : Fire fighters must wear positive pressure self contained breathing apparatus (SCUBA) and full turnout gear.  
**Protection of fire fighters** : Be sure to use an approved/certified respirator or equivalent.

#### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions** : Not applicable  
**Environmental precautions and clean-up methods** : Not applicable

Note: See section 8 for personal protective equipment and section 13 for waste disposal.

#### 7. HANDLING AND STORAGE

**Handling** : Keep away from heat. Keep away from sources of ignition. Empty containers poses a fire risk.  
Ground all equipment containing material. Do not breathe fumes, vapour or spray. Do not mix with bleach or chlorinated products – will cause chlorine gas.  
**Storage** : Keep container tightly closed. Keep container in a cool well ventilated area. Do not store below 0°C (32°F)  
**Packaging materials**  
**Recommended use** : Use original container  
**Not suitable** : No additional remark

Doc Id /No	Valid From	Page No.	Revision No.
KC GRILL CLEANER MSDS	15/06/2016	Page 2 of 5	Revision 1

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

- Engineering measures** : Not applicable  
**Hygiene measures** : Wash hands after handling and before eating, smoking using lavatory and at the end of the day.  
**Occupational exposure limits** : Not applicable.  
**Personal protective equipment**  
**Respiratory system** : Wear appropriate respirator when ventilation is inadequate.  
**Skin and body** : Coat.  
**Hands** : Gloves  
**Eyes** : Safety glasses



## 9. PHYSICAL AND CHEMICAL PROPERTIES

- Physical state** : Clear liquid  
**Colour** : PURPLE  
**Odour** : Characteristic  
**Boiling point** : 99.9°C (211.8°F)  
**Solubility in water** : Soluble  
**Relative density** : 1.080  
**pH** : 9-12  
**Flash point** : Closed cup: Higher than 93.3°C (200°F)  
**Fire hazards in presence of various substances** : Flammable in presence of oxidising materials. Non flammable in presence of open flames, sparks and static charge  
**Explosive properties** : Risks of explosion of the product in the presence of mechanical impact: None  
Non explosive in the presence of open flames, sparks and static discharge.

## 10. STABILITY AND REACTIVITY

- Stability** : This product is stable.  
**Conditions to avoid** : Reacts with soft metals (aluminium or zinc) producing flammable hydrogen gas.  
**Materials to avoid** : Reacts vigorously with acids.  
**Hazardous Decomposition Products** : Not applicable.

## 11. TOXICOLOGICAL INFORMATION

- Hazardous ingredients** : Sodium Hydroxide  
Oral Rat LD50 40 mg/kg

### Symptoms

- Skin contact** : May cause burns.  
**Eye contact** : There may be irritation and redness.  
**Ingestion** : There may be soreness and redness of the mouth and throat.  
**Inhalation** : May cause irritation.

Doc Id /No	Valid From	Page No.	Revision No.
KC GRILL CLEANER MSDS	15/06/2016	Page 3 of 5	Revision 1

### Actions

- Skin contact** : Precautionary; rinse with water  
**Eye contact** : Immediately bathe eye in clean water for at least 15 minutes, lifting lower and upper eye lids. Get medical attention immediately.  
**Ingestion** : DO NOT INDUCE VOMITING. If conscious, give large quantities of water.  
**Inhalation** : Move to fresh air.

### 12. ECOLOGICAL INFORMATION




- Mobility** : Readily absorbed into soil.  
**General** : Sodium hydroxide is dangerous to aquatic life.  
**Aquatic** : Toxic to aquatic organisms.  
**Biocumulative potential** : Readily biodegradable.

### 13. DISPOSAL CONSIDERATIONS

- Methods of disposal** : Type: Non hazardous chemical waste  
Location: not available  
Classification: not available  
Disposal: via water treatment  
Storage: not available  
Recycling: not available
- Waste classification** : Not applicable  
**European waste Catalogue (EWC)** : Not available

### 14. TRANSPORT INFORMATION

#### Local/International transport regulations:

Regulatory information	UN number	Proper shipping name	Class	Packing Group	Label	Additional information
SABS 0228 CLASS	Not regulated	-	-			
IMDG Class	Not regulated	-	-			
IATA-DGR Class	Not regulated	-	-			

South African Transport Legislation: See SABS 0228, 0229, 0231, 0232-1, 0232-3, 1518

Doc Id /No	Valid From	Page No.	Revision No.
KC GRILL CLEANER MSDS	15/06/2016	Page 4 of 5	Revision 1

## 15. REGULATORY INFORMATION

### SABS 0263/EU Regulations

Hazard symbol(s) :



#### Corrosive

Indication of danger :

Risk phrases

Safety phrases

Contains

Product use

South Africa

Storage legislation

- : Harmful
- : R35 – Causes severe burns
- R36/38 – Irritating to eyes and skin.
- R43 – May cause sensitization by skin contact.
- : S2 - Keep out of reach of children.
- S24 – Avoid skin contact.
- S37 – Wear suitable gloves.
- S46 – If swallowed, seek medical advice immediately and show this document, product container or label.
- : Sodium Hydroxide.
- : Consumer application.
- : See The Occupational Health & Safety Act 85 of 1993.
- : See SABS 072

## 16. OTHER INFORMATION

This product is a highly concentrated degreaser suitable and compatible with use in the food industry on food processing equipments and surfaces

Notice to reader :

*The above information is believed to be correct but does not purport to be inclusive and shall only be used as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product*

Doc Id /No	Valid From	Page No.	Revision No.
KC GRILL CLEANER MSDS	15/06/2016	Page 5 of 5	Revision 1