

# SAFETY DATA SHEET

Issuing date 17-Jun-2015

Revision Date 18-Jun-2015

Version 1

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product identifier

**Product name** Marque Grill and Oven Cleaner

### Other means of identification

**Product Code** T8033904

**UN/ID No** UN3266

**Document** T8033904

### Recommended use of the chemical and restrictions on use

**Recommended use** Oven & Grill Cleaner

### Details of the supplier of the safety data sheet

#### **Distributor**

Marque Food Distributors

700 Brown Ave

Harvey, LA 70058

#### **Emergency telephone number**

**24 Hour Emergency Phone Number** CHEMTREC: 1-800-424-9300 (NORTH AMERICA)

1-703-527-3887 (INTERNATIONAL)

**Company Phone Number** 504-366-3745

## 2. HAZARDS IDENTIFICATION

### Classification

#### **OSHA Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

|                                   |                           |
|-----------------------------------|---------------------------|
| Skin corrosion/irritation         | Category 1 Sub-category A |
| Serious eye damage/eye irritation | Category 1                |

### Label elements

#### **Emergency Overview**

#### **Danger**

#### **Hazard Statements**

Causes severe skin burns and eye damage



**Appearance** Thick Liquid

**Physical state** Liquid

**Odor** Characteristic

#### **Precautionary Statements - Prevention**

- Do not breathe dust/fume/gas/mist/vapors/spray
- Wash face, hands and any exposed skin thoroughly after handling
- Wear protective gloves/protective clothing/eye protection/face protection

#### **Precautionary Statements - Response**

- Immediately call a POISON CENTER or doctor/physician

- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
- Wash contaminated clothing before reuse
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
- IF SWALLOWED: Rinse mouth. Do NOT induce vomiting

**Precautionary Statements - Storage**

Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)****Other information**

Unknown Acute Toxicity

2.435% of the mixture consists of ingredient(s) of unknown toxicity

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

| Chemical Name       | CAS-No    | Weight-% | Trade Secret |
|---------------------|-----------|----------|--------------|
| Sodium hydroxide    | 1310-73-2 | 5% - 15% | *            |
| Butoxyethanol       | 111-76-2  | 1% - 2%  | *            |
| Potassium hydroxide | 1310-58-3 | 1% - 5%  | *            |

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

**4. FIRST AID MEASURES****First aid measures for different exposure routes**

|                                   |  |
|-----------------------------------|--|
| <b>General advice</b>             | Show this safety data sheet to the doctor in attendance.   |
| <b>Eye contact</b>                | Immediately flush eye with plenty of cool, running water. Remove contact lenses if applicable, and continue flushing for at least 15 minutes, holding eyelids apart to ensure thorough rinsing of the entire eye. GET IMMEDIATE MEDICAL ATTENTION. |
| <b>Skin contact</b>               | Wash off immediately with plenty of water for at least 15 minutes. Remove and wash contaminated clothing before re-use. Call a physician immediately.  |
| <b>Inhalation</b>                 | If qualified give oxygen or artificial respiration as needed.  |
| <b>Ingestion</b>                  | DO NOT induce vomiting. Give large amounts of water if victim is conscious. Never give anything by mouth to an unconscious person. Get medical attention immediately.  |
| <b>Protection of First-aiders</b> | Do not use mouth-to-mouth method if victim ingested or inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.                                |

**Most important symptoms/effects, acute and delayed**

|                      |   |
|----------------------|---|
| <b>Main Symptoms</b> | The most important known symptoms and effects are described in the labelling in section 2 and/or in section 11. |
|----------------------|---|

**Indication of immediate medical attention and special treatment needed, if necessary**

**Notes to physician**

Treat symptomatically. Product is a corrosive material. Use of gastric lavage or emesis is contraindicated. Possible perforation of stomach or esophagus should be investigated. Do not give chemical antidotes. Asphyxia from glottal edema may occur. Marked decrease in blood pressure may occur with moist rales, frothy sputum, and high pulse pressure.

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** This product contains alcohols which will reduce the effectiveness of normal foam. Use alcohol-resistant foam instead.

**Specific hazards arising from the chemical**

No information available.

**Explosion Data**

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures****Personal precautions**

Ensure adequate ventilation. Avoid contact with skin, eyes and clothing. Use personal protective equipment. Avoid breathing vapors or mists.

**Environmental precautions****Environmental precautions**

Keep out of waterways. Neutralization is normally necessary before waste water is discharged into water treatment plants. See Section 12 for additional Ecological Information.

**Methods and materials for containment and cleaning up****Methods for Containment**

Contain spill. Neutralize with mild acid solution. Flush residue with large volumes of water.

**Methods for cleaning up**

Mop up & flush neutralized material to sewer with plenty of water.

**7. HANDLING AND STORAGE****Precautions for safe handling****Advice on safe handling**

Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet facilities. Wash thoroughly after work using soap and water. Do not eat, drink or smoke when using this product. Avoid contact with skin, eyes and clothing. Do not breathe vapors or spray mist. Ensure adequate ventilation. Wear personal protective equipment.

**Conditions for safe storage, including any incompatibilities****Technical measures/Storage conditions**

Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children. Store away from strong acids, aluminum, and other reactive metals.

**Incompatible products**

Strong oxidizing agents, acids, aluminum and other soft metals. Contact with metals (aluminum, zinc, tin) may release hydrogen gas.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control parameters****Exposure Guidelines**

Review Section 3 &amp; 4 for Exposure Guidelines.

| Chemical Name                    | ACGIH TLV   | OSHA PEL  | NIOSH IDLH   |
|----------------------------------|-------------|---|--|
| Sodium hydroxide<br>1310-73-2    | -           | TWA: 2 mg/m <sup>3</sup>                        | IDLH: 10 mg/m <sup>3</sup><br>Ceiling: 2 mg/m <sup>3</sup> |
| Butoxyethanol<br>111-76-2        | TWA: 20 ppm | TWA: 50 ppm<br>TWA: 240 mg/m <sup>3</sup><br>S* | IDLH: 700 ppm<br>TWA: 5 ppm<br>TWA: 24 mg/m <sup>3</sup>   |
| Potassium hydroxide<br>1310-58-3 | -           | -   | Ceiling: 2 mg/m <sup>3</sup>                               |

NIOSH IDLH: Immediately Dangerous to Life or Health

**Appropriate engineering controls****Engineering Measures**

Ensure adequate ventilation, especially in confined areas Ensure that eyewash stations and safety showers or an equivalent method of decontamination are close to the work location.

**Individual protection measures, such as personal protective equipment****Eye/Face Protection**

Splash-proof chemical goggles or face shield.

**Skin and body protection**

Impervious rubber, alkali-proof protective gloves. Impervious rubber boots &amp; apron..

**Respiratory protection**

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**Hygiene measures**

Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product.

**9. PHYSICAL AND CHEMICAL PROPERTIES****Physical and chemical properties**

|  |                          |                          |                          |
|--|--------------------------|--------------------------|--------------------------|
| <b>Physical state</b>                  | Liquid                   | <b>Odor</b>              | Characteristic           |
| <b>Appearance</b>                      | Thick Liquid             | <b>Odor Threshold</b>    | No information available |
| <b>Color</b>                           | Amber                    |                          |                          |
| <b>Property</b>                        | <b>Values</b>            | <b>Remarks • Methods</b> |                          |
| pH                                     | 13.0 - 13.6              |                          |                          |
| Melting/freezing point                 | No information available |                          |                          |
| Boiling point/boiling range            | > 100 °C / 212 °F        |                          |                          |
| Flash Point                            | No information available |                          |                          |
| Evaporation rate                       | Similar to Water         |                          |                          |
| Flammability (solid, gas)              | No information available |                          |                          |
| Flammability Limits in Air             |                          |                          |                          |
| Upper flammability limit               | No information available |                          |                          |
| Lower flammability limit               | No information available |                          |                          |
| Vapor pressure                         | No information available |                          |                          |
| Vapor density                          | No information available |                          |                          |
| Specific Gravity                       | 1.10 - 1.14              | Estimated                |                          |
| Water solubility                       | Completely soluble.      |                          |                          |
| Solubility in other solvents           | No information available |                          |                          |
| Partition coefficient: n-octanol/water | No information available |                          |                          |
| Autoignition temperature               | No information available |                          |                          |
| Decomposition temperature              | No information available |                          |                          |
| Viscosity, kinematic                   | No information available |                          |                          |
| Viscosity, dynamic                     | No information available |                          |                          |
| Explosive properties                   | No information available |                          |                          |
| Oxidizing Properties                   | No information available |                          |                          |

**Other information**

|                    |      |
|--------------------|------|
| Softening point    | N/A  |
| Molecular Weight   | N/A  |
| VOC Content(%)     | < 2% |
| Density VALUE      | N/A  |
| Bulk Density VALUE | N/A  |

## 10. STABILITY AND REACTIVITY

### Chemical stability

Stable under recommended storage conditions.

### Possibility of hazardous reactions

None under normal processing.

### Conditions to Avoid

Extremes of temperature and direct sunlight.

### Incompatible Materials

Strong oxidizing agents, acids, aluminum and other soft metals. Contact with metals (aluminum, zinc, tin) may release hydrogen gas.

### Hazardous Decomposition Products

Carbon monoxide (CO).

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

|                            |  |
|----------------------------|--|
| <b>Product Information</b> | Causes severe skin burns and eye damage                                |
| <b>Inhalation</b>          | Inhalation of vapors or mists may cause severe irritation or burns.    |
| <b>Eye contact</b>         | Corrosive to the eyes and may cause severe damage including blindness. |
| <b>Skin contact</b>        | Contact causes severe skin irritation and possible burns.              |
| <b>Ingestion</b>           | Corrosive - causes severe burns to gastrointestinal tract.             |

| Chemical Name                    | Oral LD50           | Dermal LD50             | LC50 Inhalation       |
|----------------------------------|---------------------|-------------------------|-----------------------|
| Sodium hydroxide<br>1310-73-2    | 140 mg/kg (Rat)     | = 1350 mg/kg ( Rabbit ) | -                     |
| Butoxyethanol<br>111-76-2        | = 470 mg/kg ( Rat ) | = 99 mg/kg ( Rabbit )   | = 450 ppm ( Rat ) 4 h |
| Potassium hydroxide<br>1310-58-3 | = 284 mg/kg ( Rat ) | -                       | -                     |

### Information on toxicological effects

**Symptoms** No information available.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Sensitization** No information available.  
**Mutagenic effects** No information available.  
**Carcinogenicity** Contains no ingredient listed as a carcinogen.

| Chemical Name             | ACGIH | IARC    | NTP | OSHA |
|---------------------------|-------|---------|-----|------|
| Butoxyethanol<br>111-76-2 | A3    | Group 3 | -   | -    |

**Reproductive toxicity** No information available.  
**STOT - single exposure** No information available.  
**STOT - repeated exposure** No information available.  
**Aspiration hazard** No information available.

### Numerical measures of toxicity - Product Information

**Unknown Acute Toxicity** 2.435% of the mixture consists of ingredient(s) of unknown toxicity  
The following values are calculated based on chapter 3.1 of the GHS document .

|                               |             |
|-------------------------------|-------------|
| ATEmix (oral)                 | 15314 mg/kg |
| ATEmix (dermal)               | 9826 mg/kg  |
| ATEmix (inhalation-gas)       | 38889 mg/l  |
| ATEmix (inhalation-dust/mist) | 83.3 mg/l   |
| ATEmix (inhalation-vapor)     | 25000 mg/l  |

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

2.435% of the mixture consists of component(s) of unknown hazards to the aquatic environment

| Chemical Name                    | Algae/aquatic plants | Fish   | Crustacea   |
|----------------------------------|----------------------|--|---|
| Sodium hydroxide<br>1310-73-2    | -                    | 45.4: 96 h Oncorhynchus mykiss<br>mg/L LC50 static   | -   |
| Butoxyethanol<br>111-76-2        | -                    | 1490: 96 h Lepomis macrochirus<br>mg/L LC50 static 2950: 96 h<br>Lepomis macrochirus mg/L LC50 | 1698 - 1940: 24 h Daphnia magna<br>mg/L EC50 >1000: 48 h Daphnia<br>magna mg/L EC50 |
| Potassium hydroxide<br>1310-58-3 | -                    | 80: 96 h Gambusia affinis mg/L<br>LC50 static  | -   |

### Persistence and degradability

No information available.

### Bioaccumulation

No information available.

| Chemical Name                    | Partition coefficient |
|----------------------------------|-----------------------|
| Butoxyethanol<br>111-76-2        | 0.81                  |
| Potassium hydroxide<br>1310-58-3 | 0.65<br>0.83          |

### Other adverse effects

No information available

## 13. DISPOSAL CONSIDERATIONS

### Waste treatment

#### Waste Disposal Methods

Disposal should be in accordance with applicable regional, national and local laws and regulations.

#### Contaminated packaging

Do not reuse container.

This product contains one or more substances that are listed with the State of California as a hazardous waste.

| Chemical Name                 | California Hazardous Waste Status |
|-------------------------------|-----------------------------------|
| Sodium hydroxide<br>1310-73-2 | Toxic Corrosive                   |

## 14. TRANSPORT INFORMATION

### DOT

|                                 |  |
|---------------------------------|--|
| UN/ID No                        | Regulated<br>UN3266  |
| Proper shipping name            | Corrosive liquid, basic, inorganic, n.o.s. (Sodium Hydroxide, Potassium Hydroxide) |
| Hazard class                    | 8  |
| Packing Group                   | II   |
| Emergency Response Guide Number | 154  |

## 15. REGULATORY INFORMATION

### International Inventories

|               |                 |
|---------------|-----------------|
| TSCA          | -               |
| DSL/NDL       | -               |
| EINECS/ELINCS | -               |
| ENCS          | Does not Comply |
| IECSC         | -               |
| KECL          | -               |
| PICCS         | -               |
| AICS          | -               |

### Legend:

**TSCA** - All components of this product are listed or are exempt or excluded from listing on the United States Toxic Substances Control Act Section 8(b) Inventory.

**DSL/NDL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

### U.S. Federal Regulations

#### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

| Chemical Name            | SARA 313 - Threshold Values % |
|--------------------------|-------------------------------|
| Butoxyethanol - 111-76-2 | 1.0                           |

#### SARA 311/312 Hazard Categories

|                                   |     |
|-----------------------------------|-----|
| Acute Health Hazard               | Yes |
| Chronic Health Hazard             | no  |
| Fire Hazard                       | no  |
| Sudden Release of Pressure Hazard | no  |
| Reactive Hazard                   | Yes |

#### Clean Water Act

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

| Chemical Name                 | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|-------------------------------|-----------------------------|------------------------|---------------------------|----------------------------|
| Sodium hydroxide<br>1310-73-2 | 1000 lb                     | -                      | -                         | X                          |

#### CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

| Chemical Name                    | Hazardous Substances RQs | Extremely Hazardous Substances RQs | RQ  |
|----------------------------------|--------------------------|------------------------------------|---|
| Sodium hydroxide<br>1310-73-2    | 1000 lb                  | -                                  | RQ 1000 lb final RQ<br>RQ 454 kg final RQ |
| Potassium hydroxide<br>1310-58-3 | 1000 lb                  | -                                  | RQ 1000 lb final RQ<br>RQ 454 kg final RQ |

### U.S. State Regulations

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

This product contains substances regulated by state right-to-know regulations.

| Chemical Name                    | New Jersey | Massachusetts | Pennsylvania |
|----------------------------------|------------|---------------|--------------|
| Sodium hydroxide<br>1310-73-2    | X          | X             | X            |
| Butoxyethanol<br>111-76-2        | X          | X             | X            |
| Potassium hydroxide<br>1310-58-3 | X          | -             | X            |

**U.S. EPA Label Information**

EPA Pesticide Registration Number Not applicable

**16. OTHER INFORMATION**

|             |                  |                |                    |                                   |
|-------------|------------------|----------------|--------------------|-----------------------------------|
| <b>NFPA</b> | Health Hazards 3 | Flammability 0 | Instability 0      | Physical and chemical hazards COR |
| <b>HMIS</b> | Health hazard 3  | Flammability 0 | Physical Hazards 0 | Personal protection X             |

Prepared By

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Revision Note

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**Disclaimer**

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 a 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.

End of Safety Data Sheet