



# HG oven, grill and barbecue cleaner

## Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law, and based on EU 2015/830.  
Issue date: 29/01/2023 Version: 1.0

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form : Mixture  
Product name : HG oven, grill and barbecue cleaner  
Product code : 138 ART  
Type of product : Detergent  
Product group : Trade product

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

##### 1.2.1. Relevant identified uses

Intended for general public  
Main use category : Consumer use

##### 1.2.2. Uses advised against

Restrictions on use : All other uses not recommended above

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

##### Manufacturer

HG International B.V.  
P.J. Oudweg 41  
NL- 1314 CJ Almere  
The Netherlands  
T +31 (0)36 54 94 700  
[safety@hg.eu](mailto:safety@hg.eu) - [www.hg.eu](http://www.hg.eu)

##### Importer

HG UKI LTD  
Weston Business Centre  
Parsonage Road  
UK- CM22 6PU Takeley – Essex  
United Kingdom  
T +44 (0) 1206 822 744  
[www.hg.eu](http://www.hg.eu)

#### 1.4. Emergency telephone number

Emergency number : +31 (0)36 54 94 777  
Only for medical personnel  
Mon-Fri 09:00 AM - 05:00 PM (CEST)

| Country        | Organisation/Company   | Address                  | Emergency number | Comment                           |
|----------------|--|--------------------------|------------------|-----------------------------------|
| United Kingdom | National Poisons Information Service<br>(Birmingham Centre)<br>City Hospital                     | Dudley Road<br>B18 7QH   | 0344 892 0111    | Only for healthcare professionals |
| United Kingdom | Guy's & St Thomas' Poisons Unit<br>Medical Toxicology Unit, Guy's & St<br>Thomas' Hospital Trust | Avonley Road<br>SE14 5ER | +44 20 7188 7188 |                                   |

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin corrosion/irritation, Category 1, Sub-Category 1B H314  
Serious eye damage/eye irritation, Category 1 H318  
Full text of H- and EUH-statements: see section 16

##### Adverse physicochemical, human health and environmental effects

Causes severe skin burns and eye damage. Causes serious eye damage.

# HG oven, grill and barbecue cleaner

## Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law, and based on EU 2015/830.

### 2.2. Label elements

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS05

Signal word (CLP) :

Danger

Contains :

Sodium hydroxide; caustic soda; D-Glucopyranose, oligomers, decyl octyl glycosides; Sodium etasulphate

Hazard statements (CLP) :

H314 - Causes severe skin burns and eye damage.

Precautionary statements (CLP) :

P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

P280 - Wear eye protection, protective gloves.

P310 - Immediately call a doctor.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water .

P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Child-resistant fastening :

Applicable

Tactile warning :

Applicable

### 2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

Contains no PBT/vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name   | Product identifier  | Conc. (% w/w)  | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|--|---|----------------|---|
| Sodium hydroxide; caustic soda                                 | CAS-No.: 1310-73-2<br>EC-No.: 215-185-5<br>EC Index-No.: 011-002-00-6<br>REACH-no: 01-2119457892-27 | $\geq 2 - < 5$ | Met. Corr. 1, H290<br>Skin Corr. 1A, H314<br>Eye Dam. 1, H318   |
| Benzenesulfonic acid, 4-C1-13-sec-alkyl derivates, sodium salt | CAS-No.: 127184-52-5  | $< 5$          | Acute Tox. 4 (Oral), H302                                       |
| D-Glucopyranose, oligomers, decyl octyl glycosides             | CAS-No.: 68515-73-1<br>EC-No.: 500-220-1<br>REACH-no: 01-2119488530-36                              | $\geq 2 - < 5$ | Eye Dam. 1, H318  |
| Sodium etasulphate   | CAS-No.: 126-92-1<br>EC-No.: 204-812-8<br>REACH-no: 01-2119971586-23                                | $\geq 2 - < 5$ | Skin Irrit. 2, H315<br>Eye Dam. 1, H318                         |

# HG oven, grill and barbecue cleaner

## Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law, and based on EU 2015/830.

| Specific concentration limits: |   |   |
|--------------------------------|---|---|
| Name                           | Product identifier  | Specific concentration limits   |
| Sodium hydroxide; caustic soda | CAS-No.: 1310-73-2<br>EC-No.: 215-185-5<br>EC Index-No.: 011-002-00-6<br>REACH-no: 01-2119457892-27 | ( 0.5 ≤C < 2) Skin Irrit. 2, H315<br>( 0.5 ≤C < 2) Eye Irrit. 2, H319<br>( 2 ≤C < 5) Skin Corr. 1B, H314<br>( 5 ≤C ≤ 100) Skin Corr. 1A, H314 |

Full text of H- and EUH-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                                       |  |
|---------------------------------------|--|
| First-aid measures general            | : Call a physician immediately.  |
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing.   |
| First-aid measures after skin contact | : Rinse skin with water/shower. Take off immediately all contaminated clothing. Call a physician immediately.  |
| First-aid measures after eye contact  | : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately. |
| First-aid measures after ingestion    | : Rinse mouth. Do not induce vomiting. Call a physician immediately.   |

### 4.2. Most important symptoms and effects, both acute and delayed

|                                     |                           |
|-------------------------------------|---------------------------|
| Symptoms/effects after skin contact | : Burns.                  |
| Symptoms/effects after eye contact  | : Serious damage to eyes. |
| Symptoms/effects after ingestion    | : Burns.                  |

### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

|                                |  |
|--------------------------------|--|
| Suitable extinguishing media   | : Water spray. Dry powder. Foam. Carbon dioxide. |
| Unsuitable extinguishing media | : Do not use a heavy water stream.               |

### 5.2. Special hazards arising from the substance or mixture

|  |   |
|--|---|
| Fire hazard                                      | : Intense heat may cause container to burst.  |
| Hazardous decomposition products in case of fire | : Thermal decomposition generates : Carbon dioxide. Carbon monoxide. Sulphur oxides. Metallic oxides. |

### 5.3. Advice for firefighters

|                                |  |
|--------------------------------|--|
| Protection during firefighting | : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. |
|--------------------------------|--|

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

|                      |  |
|----------------------|--|
| Emergency procedures | : Ventilate spillage area. Evacuate unnecessary personnel. Do not touch or walk on the spilled product. Avoid contact with skin and eyes. Do not breathe mist, spray, vapours. |
|----------------------|--|

#### 6.1.2. For emergency responders

|                      |   |
|----------------------|---|
| Protective equipment | : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". |
|----------------------|---|

# HG oven, grill and barbecue cleaner

## Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law, and based on EU 2015/830.

### 6.2. Environmental precautions

Avoid release to the environment. Notify authorities if liquid enters sewers or public waters.

### 6.3. Methods and material for containment and cleaning up

- For containment : Stop leak if safe to do so. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
- Methods for cleaning up : Take up liquid spill into absorbent material.
- Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection".

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Do not breathe mist, spray, vapours. Wear personal protective equipment.
- Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Store locked up. Store in a well-ventilated place. Keep cool.
- Incompatible materials : Acids.
- Storage temperature : 0 – 30 °C
- Special rules on packaging : Keep only in original container. Opened containers must be carefully closed and kept upright to avoid leakage.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1 National occupational exposure and biological limit values

| Sodium hydroxide; caustic soda (1310-73-2)    |                                       |
|---|---------------------------------------|
| United Kingdom - Occupational Exposure Limits |                                       |
| Local name                                    | Sodium hydroxide                      |
| WEL STEL (OEL STEL)                           | 2 mg/m <sup>3</sup>                   |
| Regulatory reference                          | EH40/2005 (Fourth edition, 2020). HSE |

#### 8.1.2. Recommended monitoring procedures

No additional information available

#### 8.1.3. Air contaminants formed

No additional information available

#### 8.1.4. DNEL and PNEC

No additional information available

#### 8.1.5. Control banding

No additional information available

# HG oven, grill and barbecue cleaner

## Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law, and based on EU 2015/830.

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

##### Appropriate engineering controls:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure good ventilation of the work station.

#### 8.2.2. Personal protection equipment

##### Personal protective equipment:

Safety glasses. Gloves. Protective clothing. Wear foot protection.

##### Personal protective equipment symbol(s):



##### 8.2.2.1. Eye and face protection

##### Eye protection:

Safety glasses

| Eye protection                   |                       |                 |          |
|----------------------------------|-----------------------|-----------------|----------|
| Type                             | Field of application  | Characteristics | Standard |
| Chemical goggles or face shield  | Droplet               |                 | EN 166   |
| Safety glasses with side shields | Normal use conditions |                 | EN 166   |

##### 8.2.2.2. Skin protection

##### Skin and body protection:

Long sleeved protective clothing. Chemical resistant safety shoes

| Skin and body protection           |              |
|------------------------------------|--------------|
| Type                               | Standard     |
| Use chemically protective clothing | EN 13034     |
| Long sleeved protective clothing   |              |
| Chemical resistant safety shoes    | EN ISO 20345 |

##### Hand protection:

Protective gloves

| Hand protection   |                      |                   |                |             |            |
|-------------------|----------------------|-------------------|----------------|-------------|------------|
| Type              | Material             | Permeation        | Thickness (mm) | Penetration | Standard   |
| Disposable gloves | Nitrile rubber (NBR) | 6 (> 480 minutes) | 0.35           |             | EN ISO 374 |
| Disposable gloves | Butyl rubber         | 6 (> 480 minutes) | 0.5            |             | EN ISO 374 |

##### 8.2.2.3. Respiratory protection

##### Respiratory protection:

No respiratory protection needed under normal use conditions

| Respiratory protection |             |                                   |          |
|------------------------|-------------|-----------------------------------|----------|
| Device                 | Filter type | Condition                         | Standard |
| Half-mask              | FFA2P3      | Mist formation, Vapour protection | EN 405   |
| Dust mask              | FFFP2       | Dust protection                   | EN 149   |

# HG oven, grill and barbecue cleaner

## Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law, and based on EU 2015/830.

### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

#### Environmental exposure controls:

Avoid release to the environment.

#### Other information:

Do not eat, drink or smoke when using this product.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|   |   |
|---|---|
| Physical state                                  | : Liquid  |
| Colour  | : light yellow.   |
| Odour   | : Characteristic.   |
| Odour threshold                                 | : No data available   |
| pH  | : 13 – 13.5   |
| Relative evaporation rate (butylacetate=1)      | : No data available   |
| Melting point                                   | : Not applicable  |
| Freezing point                                  | : No data available   |
| Boiling point                                   | : 100 °C  |
| Flash point                                     | : No data available   |
| Auto-ignition temperature                       | : No data available   |
| Decomposition temperature                       | : No data available   |
| Flammability (solid, gas)                       | : Non flammable.  |
| Vapour pressure                                 | : No data available   |
| Relative vapour density at 20°C                 | : No data available   |
| Relative density                                | : No data available   |
| Density   | : 1.05 – 1.06   |
| Solubility                                      | : Soluble in the following materials: cold water and hot water. Methanol. n-octanol. Acetone. |
| Partition coefficient n-octanol/water (Log Pow) | : No data available   |
| Viscosity, kinematic                            | : No data available   |
| Viscosity, dynamic                              | : No data available   |
| Explosive properties                            | : No data available   |
| Oxidising properties                            | : No data available   |
| Explosive limits                                | : No data available   |

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Contact with acids liberates toxic gas.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

Acids.

# HG oven, grill and barbecue cleaner

## Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law, and based on EU 2015/830.

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

Acute toxicity (oral) : Not classified (Conclusive but not sufficient for classification)  
Acute toxicity (dermal) : Not classified (Conclusive but not sufficient for classification)  
Acute toxicity (inhalation) : Not classified (Conclusive but not sufficient for classification)

#### D-Glucopyranose, oligomers, decyl octyl glycosides (68515-73-1)

|                    |   |
|--------------------|---|
| LD50 oral rat      | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method), Guideline: EU Method B.1 tris (Acute Oral Toxicity - Acute Toxic Class Method) |
| LD50 dermal rabbit | > 2000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)   |
| LD50 dermal        | > 2000 mg/kg bodyweight   |

#### Sodium etasulphate (126-92-1)

|                    |  |
|--------------------|--|
| LD50 oral rat      | 4000 mg/kg Source: NLM   |
| LD50 dermal rat    | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity) |
| LD50 dermal rabbit | 6540 mg/kg Source: NLM   |

#### Benzenesulfonic acid, 4-C1-13-sec-alkyl derivates, sodium salt (127184-52-5)

|               |                                |
|---------------|--------------------------------|
| LD50 oral rat | 1080 – 1980 mg/kg Source: SIDS |
|---------------|--------------------------------|

Skin corrosion/irritation : Causes severe skin burns.  
pH: 13 – 13.5

#### Sodium hydroxide; caustic soda (1310-73-2)

|    |      |
|----|------|
| pH | > 14 |
|----|------|

#### Sodium etasulphate (126-92-1)

|    |             |
|----|-------------|
| pH | 10.5 – 11.5 |
|----|-------------|

Serious eye damage/irritation : Causes serious eye damage.  
pH: 13 – 13.5

#### Sodium hydroxide; caustic soda (1310-73-2)

|    |      |
|----|------|
| pH | > 14 |
|----|------|

#### Sodium etasulphate (126-92-1)

|    |             |
|----|-------------|
| pH | 10.5 – 11.5 |
|----|-------------|

Respiratory or skin sensitisation : Not classified (Conclusive but not sufficient for classification)  
Germ cell mutagenicity : Not classified (Conclusive but not sufficient for classification)  
Carcinogenicity : Not classified (Conclusive but not sufficient for classification)  
Reproductive toxicity : Not classified (Conclusive but not sufficient for classification)  
STOT-single exposure : Not classified (Conclusive but not sufficient for classification)  
STOT-repeated exposure : Not classified (Conclusive but not sufficient for classification)

#### D-Glucopyranose, oligomers, decyl octyl glycosides (68515-73-1)

|                            |   |
|----------------------------|---|
| NOAEL (oral, rat, 90 days) | 100 mg/kg bodyweight Animal: rat, Guideline: EU Method B.26 (Sub-Chronic Oral Toxicity Test: Repeated Dose 90-Day Oral Toxicity Study in Rodents) |
|----------------------------|---|

# HG oven, grill and barbecue cleaner

## Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law, and based on EU 2015/830.

| <b>Sodium etasulphate (126-92-1)</b> |  |
|--------------------------------------|--|
| LOAEL (oral, rat, 90 days)           | 1016 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents) |
| NOAEL (oral, rat, 90 days)           | 488 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)  |

Aspiration hazard : Not classified (Conclusive but not sufficient for classification)

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : Before neutralisation, the product may represent a danger to aquatic organisms.  
Hazardous to the aquatic environment, short-term (acute) : Not classified (Conclusive but not sufficient for classification)  
Hazardous to the aquatic environment, long-term (chronic) : Not classified (Conclusive but not sufficient for classification)

| <b>Sodium hydroxide; caustic soda (1310-73-2)</b> |  |
|---|--|
| LC50 - Fish [1]                                   | > 35 mg/l  |
| EC50 - Crustacea [1]                              | 40.4 mg/l Test organisms (species): Ceriodaphnia sp. |
| EC50 - Other aquatic organisms [1]                | > 33 mg/l waterflea                                  |

| <b>D-Glucopyranose, oligomers, decyl octyl glycosides (68515-73-1)</b> |   |
|--|---|
| LC50 - Fish [1]  | 100.81 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)                  |
| LC50 - Fish [2]  | 170 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)                     |
| EC50 - Crustacea [1]   | > 100 mg/l Test organisms (species): Daphnia magna  |
| EC50 - Crustacea [2]   | 31.62 mg/l (OECD 202 method)  |
| EC50 72h - Algae [1]   | 27.22 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) |
| EC50 72h - Algae [2]   | 37 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)    |
| NOEC chronic fish  | 1.8 mg/l Brachydanio rerio (zebra-fish)   |
| NOEC chronic crustacea   | 2 mg/l Daphnia magna (Water flea)   |

| <b>Sodium etasulphate (126-92-1)</b> |   |
|--------------------------------------|---|
| LC50 - Fish [1]                      | > 100 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)                   |
| EC50 - Crustacea [1]                 | 483 mg/l Test organisms (species): Daphnia magna  |
| EC50 72h - Algae [1]                 | > 511 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) |
| LOEC (chronic)                       | 6.86 mg/l Test organisms (species): Daphnia magna Duration: '21 d'                                    |
| NOEC (chronic)                       | 1.4 mg/l Test organisms (species): Daphnia magna Duration: '21 d'                                     |
| NOEC chronic fish                    | ≥ 1357 mg/l Test organisms (species): Pimephales promelas Duration: '42 d'                            |

| <b>Benzenesulfonic acid, 4-C1-13-sec-alkyl derivates, sodium salt (127184-52-5)</b> |                        |
|---|------------------------|
| LC50 - Fish [1]   | 1.67 mg/l Source: SIDS |
| EC50 96h - Algae [1]  | 29 mg/l Source: SIDS   |



# HG oven, grill and barbecue cleaner

## Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law, and based on EU 2015/830.

### 12.2. Persistence and degradability

#### HG oven, grill and barbecue cleaner

|                               |   |
|-------------------------------|---|
| Persistence and degradability | The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer. |
|-------------------------------|---|

#### D-Glucopyranose, oligomers, decyl octyl glycosides (68515-73-1)

|                               |                          |
|-------------------------------|--------------------------|
| Persistence and degradability | Readily biodegradable.   |
| Biodegradation                | 100 % (OECD 301E method) |

#### Benzenesulfonic acid, 4-C1-13-sec-alkyl derivates, sodium salt (127184-52-5)

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Readily biodegradable. |
|-------------------------------|------------------------|

### 12.3. Bioaccumulative potential

#### HG oven, grill and barbecue cleaner

|                           |                                |
|---------------------------|--------------------------------|
| Bioaccumulative potential | Low bioaccumulation potential. |
|---------------------------|--------------------------------|

#### Sodium hydroxide; caustic soda (1310-73-2)

|   |       |
|---|-------|
| Partition coefficient n-octanol/water (Log Pow) | -3.88 |
|---|-------|

#### D-Glucopyranose, oligomers, decyl octyl glycosides (68515-73-1)

|   |                  |
|---|------------------|
| Bioconcentration factor (BCF REACH)             | < 100            |
| Partition coefficient n-octanol/water (Log Kow) | ≤ -0.07 at 20 °C |

#### Sodium etasulphate (126-92-1)

|   |       |
|---|-------|
| Partition coefficient n-octanol/water (Log Pow) | -0.35 |
|---|-------|

### 12.4. Mobility in soil

#### HG oven, grill and barbecue cleaner

|                |                                       |
|----------------|---------------------------------------|
| Ecology - soil | Expected to be highly mobile in soil. |
|----------------|---------------------------------------|

#### D-Glucopyranose, oligomers, decyl octyl glycosides (68515-73-1)

|                  |                         |
|------------------|-------------------------|
| Mobility in soil | 0.2624 Source: EPISUITE |
|------------------|-------------------------|

### 12.5. Results of PBT and vPvB assessment

#### HG oven, grill and barbecue cleaner

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

|                              |   |
|------------------------------|---|
| Regional legislation (waste) | : Dispose of in accordance with relevant local regulations.                                   |
| Waste treatment methods      | : Dispose of contents/container in accordance with licensed collector's sorting instructions. |

# HG oven, grill and barbecue cleaner






## Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law, and based on EU 2015/830.

|  |   |
|--|---|
| Product/Packaging disposal recommendations | : Empty containers retain product residue and can be hazardous. Do not dispose of the packaging without first carrying out the necessary cleaning. Empty containers should be taken for recycling, recovery or waste in accordance with local regulation. |
| Ecology - waste materials                  | : Recycling is preferred to disposal or incineration.   |
| European List of Waste (LoW) code          | : 20 01 29* - detergents containing dangerous substances<br>20 01 39 - plastics   |
| HP Code                                    | : HP8 - "Corrosive:" waste which on application can cause skin corrosion.   |

### SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

| ADR   | IMDG   | IATA   | ADN  | RID  |
|---|--|--|--|--|
| <b>14.1. UN number</b>  |  |  |  |  |
| UN 3267   | UN 3267  | UN 3267  | UN 3267  | UN 3267  |
| <b>14.2. UN proper shipping name</b>  |  |  |  |  |
| CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (CONTAINS : Sodium hydroxide; caustic soda)                      | CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (CONTAINS : Sodium hydroxide; caustic soda)                 | Corrosive liquid, basic, organic, n.o.s. (CONTAINS : Sodium hydroxide; caustic soda)                 | CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (CONTAINS : Sodium hydroxide; caustic soda)                 | CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (CONTAINS : Sodium hydroxide; caustic soda)                 |
| <b>Transport document description</b>   |  |  |  |  |
| UN 3267 CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (CONTAINS : Sodium hydroxide; caustic soda), 8, III, (E) | UN 3267 CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (CONTAINS : Sodium hydroxide; caustic soda), 8, III | UN 3267 Corrosive liquid, basic, organic, n.o.s. (CONTAINS : Sodium hydroxide; caustic soda), 8, III | UN 3267 CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (CONTAINS : Sodium hydroxide; caustic soda), 8, III | UN 3267 CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (CONTAINS : Sodium hydroxide; caustic soda), 8, III |
| <b>14.3. Transport hazard class(es)</b>   |  |  |  |  |
| 8   | 8  | 8  | 8  | 8  |
|                        |                   |                   |                 |                 |
| <b>14.4. Packing group</b>  |  |  |  |  |
| III   | III  | III  | III  | III  |
| <b>14.5. Environmental hazards</b>  |  |  |  |  |
| Dangerous for the environment: No   | Dangerous for the environment: No<br>Marine pollutant: No  | Dangerous for the environment: No  | Dangerous for the environment: No  | Dangerous for the environment: No  |
| No supplementary information available  |  |  |  |  |

### 14.6. Special precautions for user

Special transport precautions : Transport always in closed, upright and safe containers, Make sure that persons transporting the product know what to do in case of an accident or leakage

#### Overland transport

|   |                           |
|---|---------------------------|
| Classification code (ADR)                           | : C7                      |
| Special provisions (ADR)                            | : 274                     |
| Limited quantities (ADR)                            | : 5I                      |
| Excepted quantities (ADR)                           | : E1                      |
| Packing instructions (ADR)                          | : P001, IBC03, LP01, R001 |
| Mixed packing provisions (ADR)                      | : MP19                    |
| Portable tank and bulk container instructions (ADR) | : T7                      |

# HG oven, grill and barbecue cleaner

## Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law, and based on EU 2015/830.

Portable tank and bulk container special provisions (ADR) : TP1, TP28

Tank code (ADR) : L4BN

Vehicle for tank carriage : AT

Transport category (ADR) : 3

Special provisions for carriage - Packages (ADR) : V12

Hazard identification number (Kemler No.) : 80

Orange plates :



Tunnel restriction code (ADR) : E

EAC code : 2X

### Transport by sea

Special provisions (IMDG) : 223, 274

Limited quantities (IMDG) : 5 L

Excepted quantities (IMDG) : E1

Packing instructions (IMDG) : P001, LP01

IBC packing instructions (IMDG) : IBC03

Tank instructions (IMDG) : T7

Tank special provisions (IMDG) : TP1, TP28

EmS-No. (Fire) : F-A

EmS-No. (Spillage) : S-B

Stowage category (IMDG) : A

Stowage and handling (IMDG) : SW2

Segregation (IMDG) : SGG18, SG35

Properties and observations (IMDG) : Reacts violently with acids. Causes burns to skin, eyes and mucous membranes.

### Air transport

PCA Excepted quantities (IATA) : E1

PCA Limited quantities (IATA) : Y841

PCA limited quantity max net quantity (IATA) : 1L

PCA packing instructions (IATA) : 852

PCA max net quantity (IATA) : 5L

CAO packing instructions (IATA) : 856

CAO max net quantity (IATA) : 60L

Special provisions (IATA) : A3, A803

ERG code (IATA) : 8L

### Inland waterway transport

Classification code (ADN) : C7

Special provisions (ADN) : 274

Limited quantities (ADN) : 5 L

Excepted quantities (ADN) : E1

Carriage permitted (ADN) : T

Equipment required (ADN) : PP, EP

Number of blue cones/lights (ADN) : 0

### Rail transport

Classification code (RID) : C7

Special provisions (RID) : 274

Limited quantities (RID) : 5L

Excepted quantities (RID) : E1

Packing instructions (RID) : P001, IBC03, LP01, R001

Mixed packing provisions (RID) : MP19

Portable tank and bulk container instructions (RID) : T7

Portable tank and bulk container special provisions (RID) : TP1, TP28

(RID)

Tank codes for RID tanks (RID) : L4BN

Transport category (RID) : 3

Special provisions for carriage – Packages (RID) : W12

# HG oven, grill and barbecue cleaner

## Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law, and based on EU 2015/830.

Colis express (express parcels) (RID) : CE8  
Hazard identification number (RID) : 80

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### 15.1.1. EU-Regulations

##### REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

##### REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

##### REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

##### PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

##### POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

##### Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

##### Detergent Regulation (648/2004)

#### Labelling of contents

| Component  | %   |
|--|-----|
| phosphonates, non-ionic surfactants, anionic surfactants | <5% |

##### Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

##### Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

#### Abbreviations and acronyms:

|     |   |
|-----|---|
| ADN | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ADR | European Agreement concerning the International Carriage of Dangerous Goods by Road             |
| ATE | Acute Toxicity Estimate   |
| BCF | Bioconcentration factor   |
| BLV | Biological limit value  |

# HG oven, grill and barbecue cleaner

## Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law, and based on EU 2015/830.

| Abbreviations and acronyms: |  |
|-----------------------------|--|
| BOD                         | Biochemical oxygen demand (BOD)  |
| COD                         | Chemical oxygen demand (COD)   |
| DMEL                        | Derived Minimal Effect level   |
| DNEL                        | Derived-No Effect Level  |
| EC-No.                      | European Community number  |
| EC50                        | Median effective concentration   |
| EN                          | European Standard  |
| IARC                        | International Agency for Research on Cancer                                  |
| IATA                        | International Air Transport Association                                      |
| IMDG                        | International Maritime Dangerous Goods                                       |
| LC50                        | Median lethal concentration  |
| LD50                        | Median lethal dose   |
| LOAEL                       | Lowest Observed Adverse Effect Level   |
| NOAEC                       | No-Observed Adverse Effect Concentration                                     |
| NOAEL                       | No-Observed Adverse Effect Level   |
| NOEC                        | No-Observed Effect Concentration   |
| OECD                        | Organisation for Economic Co-operation and Development                       |
| OEL                         | Occupational Exposure Limit  |
| PBT                         | Persistent Bioaccumulative Toxic   |
| PNEC                        | Predicted No-Effect Concentration  |
| RID                         | Regulations concerning the International Carriage of Dangerous Goods by Rail |
| SDS                         | Safety Data Sheet  |
| STP                         | Sewage treatment plant   |
| ThOD                        | Theoretical oxygen demand (ThOD)   |
| TLM                         | Median Tolerance Limit   |
| VOC                         | Volatile Organic Compounds   |
| CAS-No.                     | Chemical Abstract Service number   |
| N.O.S.                      | Not Otherwise Specified  |
| vPvB                        | Very Persistent and Very Bioaccumulative                                     |
| ED                          | Endocrine disrupting properties  |

### Training advice

: Normal use of this product shall imply use in accordance with the instructions on the packaging. Ensure personnel is aware of the potential hazards of the load and knows what to do in the event of an accident or an emergency.

### Other information

: **DISCLAIMER OF LIABILITY** The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

# HG oven, grill and barbecue cleaner

## Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law, and based on EU 2015/830.

| Full text of H- and EUH-statements: |  |
|-------------------------------------|--|
| Acute Tox. 4 (Oral)                 | Acute toxicity (oral), Category 4                      |
| Eye Dam. 1                          | Serious eye damage/eye irritation, Category 1          |
| Eye Irrit. 2                        | Serious eye damage/eye irritation, Category 2          |
| H290                                | May be corrosive to metals.                            |
| H302                                | Harmful if swallowed.                                  |
| H314                                | Causes severe skin burns and eye damage.               |
| H315                                | Causes skin irritation.                                |
| H318                                | Causes serious eye damage.                             |
| H319                                | Causes serious eye irritation.                         |
| Met. Corr. 1                        | Corrosive to metals, Category 1                        |
| Skin Corr. 1A                       | Skin corrosion/irritation, Category 1, Sub-Category 1A |
| Skin Corr. 1B                       | Skin corrosion/irritation, Category 1, Sub-Category 1B |
| Skin Irrit. 2                       | Skin corrosion/irritation, Category 2                  |

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.