

## HD OVEN & GRILL CLEANER

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

#### 1.1 - Product identifier

Trade name/designation HD OVEN & GRILL CLEANER

Chemical name

Product-type Mixture

Product code 61360BRLO BVH

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

Relevant identified uses

- PC35: Washing and cleaning products  
(including solvent based products).

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

Biovate Hygienics Ltd  
Grafton House  
Pury Hill Business Park  
NN12 7LS Towcester United Kingdom  
Telephone: 01328 851407  
Website: www.biovatehygienics.com  
Email: info@biovatehygienics.com

#### 1.4 - Emergency telephone number

United Kingdom: NHS Direct:111

### SECTION 2: Hazards identification

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

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

|              |                                  |
|--------------|----------------------------------|
| Met. Corr. 1 | Corrosive to metals - Category 1 |
| Skin Corr. 1 | Skin corrosion, Category 1       |
| Eye Dam. 1   | Serious eye damage, Category 1   |

#### 2.2 - Label elements

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

Contains: Alcohols, C12-14, ethoxylated, sulfates, sodium salts (CAS No.: 68891-38-3) | sodium hydroxide (CAS No.: 1310-73-2)

Signal word : Danger

Hazard pictograms



Hazard statements

|      |   |
|------|---|
| H290 | May be corrosive to metals              |
| H314 | Causes severe skin burns and eye damage |

Precautionary statements

## HD OVEN & GRILL CLEANER

|                |   |
|----------------|---|
| P234           | Keep only in original packaging.  |
| P260           | Do not breathe dust/fume/gas/mist/vapours/spray.  |
| P264           | Wash hands thoroughly after handling.   |
| P280           | Wear protective gloves/protective clothing/eye protection/face protection.  |
| P301+P330+P331 | IF SWALLOWED: rinse mouth. Do NOT induce vomiting.  |
| P303+P361+P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].                              |
| P304+P340      | IF INHALED: Remove person to fresh air and keep comfortable for breathing.  |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.      |
| P363           | Wash contaminated clothing before reuse.  |
| P390           | Absorb spillage to prevent material damage.   |
| P405           | Store locked up.  |
| P501           | Dispose of contents/container to an appropriate recycling or disposal facility in accordance with local/regional/national regulation. |

EUH-phrases : None

### 2.3 - Other hazards

PBT-substance. - This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

## SECTION 3: Composition / information on ingredients

### 3.1 - Substances

Not applicable

### 3.2 - Mixtures

| Chemical name   | No  | %     | Class(es)   | Specific concentration limit |
|---|---|-------|---|------------------------------|
| sodium hydroxide                                      | CAS No. : 1310-73-2<br>Index No. : 011-002-00-6<br>EC No. : 215-185-5 | 0 - 5 | Eye Dam. 1 - H318<br>Met. Corr. 1 - H290<br>Skin Corr. 1A - H314      | Not applicable               |
| trisodium nitrilotriacetate                           | CAS No. : 5064-31-3<br>Index No. : 607-620-00-6<br>EC No. : 225-768-6 | 0 - 5 | Acute Tox. 4 Oral - H302<br>Carc. 2 - H351<br>Eye Irrit. 2 - H319     | Carc. 2 - H351 : 5>=%<=100   |
| Alcohols, C12-14, ethoxylated, sulfates, sodium salts | CAS No. : 68891-38-3<br>Index No. :<br>EC No. : 500-234-8             | 0 - 2 | Aquatic Chronic 3 - H412<br>Eye Dam. 1 - H318<br>Skin Irrit. 2 - H315 | Not applicable               |

## SECTION 4: First aid measures

### 4.1 - Description of first aid measures

|                               |   |
|-------------------------------|---|
| <u>Following inhalation</u>   | - IF INHALED: Remove person to fresh air and keep comfortable for breathing.<br>- Medical examination necessary even merely on suspicion of intoxication. |
| <u>Following skin contact</u> | - Wash immediately with: Water<br>- When in doubt or if symptoms are observed, get medical advice.  |
| <u>After eye contact</u>      | - In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.  |

---

## HD OVEN & GRILL CLEANER

---

|                        |   |
|------------------------|---|
| <u>After ingestion</u> | <ul style="list-style-type: none"><li>- Rinse mouth thoroughly with water.</li><li>- Do NOT induce vomiting.</li><li>- Medical treatment necessary.</li></ul> |
|------------------------|---|

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

|  |  |
|--|--|
| <u>Symptoms and effects - Following inhalation</u> | <ul style="list-style-type: none"><li>- There may be shortness of breath and irritation of the throat and chest.</li></ul> |
|--|--|

|  |  |
|--|--|
| <u>Symptoms and effects - Following skin contact</u> | <ul style="list-style-type: none"><li>- Prolonged or repeated contact with skin or mucous membrane result in irritation symptoms such as redness, blistering, dermatitis, etc.</li></ul> |
|--|--|

|   |   |
|---|---|
| <u>Symptoms and effects - After eye contact</u> | <ul style="list-style-type: none"><li>- Serious eye damage/eye irritation</li></ul> |
|---|---|

|   |   |
|---|---|
| <u>Symptoms and effects - After ingestion</u> | <ul style="list-style-type: none"><li>- Burns may appear around the lips. Blood may be vomited. Bleeding may occur from the mouth/nose.</li></ul> |
|---|---|

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

- Treat symptomatically.
- Eye bathing equipment should be available on site.

---

## SECTION 5: Firefighting measures

---

### 5.1 - Extinguishing media

|                                     |  |
|-------------------------------------|--|
| <u>Suitable extinguishing media</u> | <ul style="list-style-type: none"><li>- ABC-powder</li><li>- Carbon dioxide (CO<sub>2</sub>)</li><li>- Foam</li><li>- Extinguishing powder</li></ul> |
|-------------------------------------|--|

|                                       |  |
|---------------------------------------|--|
| <u>Unsuitable extinguishing media</u> | <ul style="list-style-type: none"><li>- Full water jet</li></ul> |
|---------------------------------------|--|

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

|  |  |
|--|--|
| <u>Special hazards arising from the substance or mixture</u> | <ul style="list-style-type: none"><li>- Corrosive</li><li>- Thermal decomposition can lead to release of irritating gases and vapors. Keep product and empty container away from heat and sources of ignition.</li></ul> |
|--|--|

### 5.3 - Advice for firefighters

- Co-ordinate fire-fighting measures to the fire surroundings.
- Wear a self-contained breathing apparatus and chemical protective clothing.

---

## SECTION 6: Accidental release measures

---

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

|                                    |  |
|------------------------------------|--|
| <u>For non-emergency personnel</u> | <ul style="list-style-type: none"><li>- Use personal protection equipment.</li><li>- If outside, keep bystanders upwind and away from danger point.</li><li>- Mark out the contaminated area with signs and prevent access to unauthorised access.</li><li>- Notify the police and fire brigade immediately in the case of large spills.</li></ul> |
|------------------------------------|--|

---

## HD OVEN & GRILL CLEANER

---

For emergency responders - No information available.

### 6.2 - Environmental precautions

- Do not allow large spills to enter into surface water or drains.
- Contain the spillage using bunding.

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

Methods and material for containment - Clear spills immediately.

Methods and material for cleaning up - Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).  
- Wash with plenty of water.

Inappropriate techniques - No information available.

### 6.4 - Reference to other sections

- Disposal: see section 13
- Personal protection equipment: see section 8

---

## SECTION 7: Handling and storage

---

### 7.1 - Precautions for safe handling

Recommendation - Avoid: Eye contact  
- Avoid: Skin contact  
- Ensure adequate ventilation

Advices on general occupational hygiene - No information available.

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

- Keep container tightly closed in a cool, well-ventilated place.
- Only use containers specifically approved for the substance/product.

### 7.3 - Specific end use(s)

---

## SECTION 8: Exposure controls/personal protection

---

### 8.1 - Control parameters

### 8.2 - Exposure controls

Appropriate engineering controls - Ensure there is sufficient ventilation

Individual protection measures, such as personal protective equipment - Eye protection

- Protective Clothing
- Protective gloves



## HD OVEN & GRILL CLEANER

- Wash hands thoroughly after handling.

### SECTION 9: Physical and chemical properties

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

| <u>Physical state</u>           | Liquid | <u>Appearance</u> | Liquid         |
|---------------------------------|--------|-------------------|----------------|
| <u>Colour</u>                   | brown  | <u>Odour</u>      | characteristic |
| Odour threshold                 |        | No data available |                |
| pH                              |        | 13 < V < 14       |                |
| Melting point                   |        | No data available |                |
| Freezing point                  |        | No data available |                |
| Boiling point                   |        | 100 °C            |                |
| Flash point                     |        | > 100 °C          |                |
| Evaporation rate                |        | No data available |                |
| flammability                    |        | No data available |                |
| Lower explosion limit           |        | No data available |                |
| Upper explosion limit           |        | No data available |                |
| Vapour pressure                 |        | No data available |                |
| Vapour density                  |        | No data available |                |
| Relative density                |        | No data available |                |
| Density                         |        | No data available |                |
| Solubility (Water)              |        | Soluble in water. |                |
| Solubility (Ethanol)            |        | No data available |                |
| Solubility (Acetone)            |        | No data available |                |
| Solubility (Organic solvents)   |        | No data available |                |
| Log KOC                         |        | No data available |                |
| Auto-ignition temperature       |        | No data available |                |
| Decomposition temperature       |        | No data available |                |
| Kinematic viscosity             |        | No data available |                |
| Dynamic viscosity               |        | Non-viscous       |                |
| <u>Particle characteristics</u> |        |                   |                |
| Particle size                   |        | No data available |                |

#### 9.2 - Other information

|                         |                   |
|-------------------------|-------------------|
| VOC content             | No data available |
| Minimum ignition energy | No data available |
| Conductivity            | No data available |

### SECTION 10: Stability and reactivity

#### 10.1 - Reactivity

- This material is considered to be non-reactive under normal use conditions.

#### 10.2 - Chemical stability

- The product is chemically stable under recommended conditions of storage, use and temperature.

## HD OVEN & GRILL CLEANER

### 10.3 - Possibility of hazardous reactions

- No hazardous reaction when handled and stored according to provisions.

### 10.4 - Conditions to avoid

- Avoid direct sunlight.  
- Avoid excessive heat for prolonged periods of time.

### 10.5 - Incompatible materials

- Strong Acids and Oxidising Agents

### 10.6 - Hazardous decomposition products

- Does not decompose when used for intended uses.  
- Thermal decomposition can lead to the escape of irritating gases and vapours.

## SECTION 11: Toxicological information

### 11.1 - Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity - Not classified

#### Toxicity : Mixture

|                                       |                   |
|---------------------------------------|-------------------|
| LD50 oral (rat)                       | No data available |
| LD50 dermal (rat)                     | No data available |
| LD50 dermal (rabbit)                  | No data available |
| LC50 inhalation (rat)                 | No data available |
| LC50 inhalation dusts and mists (rat) | No data available |
| LC50 inhalation vapours (rat)         | No data available |

- Based on available data, the classification criteria are not met.

#### Toxicity : Substances

| Alcohols, C12-14, ethoxylated, sulfates, sodium salts (68891-38-3) |              |
|--|--------------|
| LD50 oral (rat)  | 4100 mg/kg   |
| LD50 dermal (rat)  | > 2000 mg/kg |

Skin corrosion/irritation - Skin corrosion, Category 1 - Causes severe skin burns and eye damage

Serious eye damage/eye irritation - Serious eye damage, Category 1

- Risk of serious damage to eyes.  
- Causes serious eye irritation.

Respiratory or skin sensitisation - Not classified

Germ cell mutagenicity - Not classified

Carcinogenicity - Not classified

Reproductive toxicity - Not classified

STOT-single exposure - Not classified

## HD OVEN & GRILL CLEANER

STOT-repeated exposure - Not classified

Aspiration hazard - Not classified

### 11.2 - Information on other hazards

## SECTION 12: Ecological information

### 12.1 - Toxicity

Toxicity : Mixture

|                                   |                   |
|-----------------------------------|-------------------|
| EC50 48 hr crustacea              | No data available |
| LC50 96 hr fish                   | No data available |
| ErC50 algae                       | No data available |
| ErC50 other aquatic plants        | No data available |
| NOEC chronic fish                 | No data available |
| NOEC chronic crustacea            | No data available |
| NOEC chronic algae                | No data available |
| NOEC chronic other aquatic plants | No data available |

Toxicity : Substances

#### Alcohols, C12-14, ethoxylated, sulfates, sodium salts (68891-38-3)

|                      |            |
|----------------------|------------|
| EC50 48 hr crustacea | 7.4 mg/l   |
| LC50 96 hr fish      | > 7.1 mg/l |
| ErC50 algae          | 27.7 mg/l  |

#### sodium hydroxide (1310-73-2)

|                      |           |
|----------------------|-----------|
| EC50 48 hr crustacea | 156 mg/l  |
| LC50 96 hr fish      | 55.6 mg/l |

- The substance/mixture does not fulfill the criteria of the acute aquatic toxicity according to Regulation (EC) No 1272/2008 [CLP], Annex I.

### 12.2 - Persistence and degradability

|                                 |                   |
|---------------------------------|-------------------|
| Biochemical oxygen demand (BOD) | No data available |
| Chemical oxygen demand (COD)    | No data available |
| % of biodegradation in 28 days  | No data available |

- No information available.

### 12.3 - Bioaccumulative potential

|                               |                   |
|-------------------------------|-------------------|
| Bioconcentration factor (BCF) | No data available |
| Log KOC                       | No data available |

- No indication of bioaccumulation potential.

### 12.4 - Mobility in soil

- No information available.

### 12.5 - Results of PBT and vPvB assessment

- This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

## HD OVEN & GRILL CLEANER

### 12.6 - Endocrine disrupting properties

### 12.7 - Other adverse effects

- No information available.

## SECTION 13: Disposal considerations

### 13.1 - Waste treatment methods

Waste treatment methods : - Dispose of waste according to applicable legislation.

Sewage disposal : - No information available.

Special precautions for waste treatment : - No information available.

Community or national or regional provisions : - No information available.

## SECTION 14: Transport information

### 14.1 - UN number or ID number

UN number (ADR) : UN1824  
UN number (RID) : Not applicable  
UN number (ADN) : Not applicable  
UN number (IMDG) : Not applicable  
UN number (IATA) : Not applicable

### 14.2 - UN proper shipping name

UN proper shipping name (ADR) : SODIUM HYDROXIDE SOLUTION

### 14.3 - Transport hazard class(es)

ADR Transport hazard class(es) : 8  
ADR Classification code: : C5  
Pictograms



Pictograms

### 14.4 - Packing group

Packing group : III

### 14.5 - Environmental hazards

Environmental hazards : No  
Marine pollutant : No

### 14.6 - Special precautions for user



## HD OVEN & GRILL CLEANER

### ADR

|  |   |                      |
|--|---|----------------------|
| <u>ADR Classification code:</u>                                  | : | C5                   |
| <u>ADR Special provisions</u>                                    | : |                      |
| <u>ADR Limited quantity (LQ)</u>                                 | : | 5L                   |
| <u>ADR Excepted quantities</u>                                   | : | E1                   |
| <u>ADR Packing instructions</u>                                  | : | P001 IBC03 LP01 R001 |
| <u>ADR Special packing provisions</u>                            | : |                      |
| <u>ADR Mixed packing provisions</u>                              | : | MP19                 |
| <u>Instructions for portable tanks and bulk containers</u>       | : | T4                   |
| <u>Special provisions for portable tanks and bulk containers</u> | : | TP1                  |
| <u>ADR tank code</u>   | : | L4BN                 |
| <u>ADR tanks special provisions</u>                              | : | TU42                 |
| <u>Vehicle for tank carriage</u>                                 | : | AT                   |
| <u>ADR Transport category</u>                                    | : | 3                    |
| <u>ADR Tunnel restriction code</u>                               | : | E                    |
| <u>ADR Special provisions loading, unloading and handling</u>    | : |                      |
| <u>Special provisions - Packages</u>                             | : | V12                  |
| <u>Special provisions - Bulk</u>                                 | : |                      |
| <u>Special provisions - Operation</u>                            | : |                      |
| <u>ADR Hazard identification number (Kemler No.)</u>             | : | 80                   |

### 14.7 - Maritime transport in bulk according to IMO instruments

## SECTION 15: Regulatory information

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

|                                    |                   |
|------------------------------------|-------------------|
| <u>Substances REACH candidates</u> | None              |
| <u>Substances Annex XIV</u>        | None              |
| <u>Substances Annex XVII</u>       | None              |
| <u>VOC content</u>                 | No data available |

### 15.2 - Chemical Safety Assessment

Chemical safety assessment carried out for the product - No information available.

## SECTION 16: Other information

### SDS versions

| Version | Issue date | Author | Description of the amendments |
|---------|------------|--------|-------------------------------|
| 1       | 07/02/2022 |        |                               |

### Texts of the regulatory sentences

|                   |  |
|-------------------|--|
| Acute Tox. 4 Oral | Acute toxicity (oral) - Category 4                       |
| Aquatic Chronic 3 | Hazardous to the aquatic environment - Aquatic Chronic 3 |
| Carc. 2           | Carcinogenicity - Category 2                             |
| Eye Dam. 1        | Serious eye damage, Category 1                           |

---

## HD OVEN & GRILL CLEANER

---

|               |  |
|---------------|--|
| Eye Irrit. 2  | Eye irritation - Category 2  |
| H290          | May be corrosive to metals   |
| H302          | Harmful if swallowed   |
| H314          | Causes severe skin burns and eye damage  |
| H319          | Causes serious eye irritation  |
| H351          | Suspected of causing cancer - state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard |
| Met. Corr. 1  | Corrosive to metals - Category 1   |
| Skin Corr. 1  | Skin corrosion, Category 1   |
| Skin Corr. 1A | Skin corrosion, Category 1A  |
| Skin Irrit. 2 | Irritation, Category 2   |

\*\*\* \*\*