Oven Cleaner

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

**1.1 - Product identifier**

Trade name/designation Oven Cleaner Chemical name

Product-type Mixture

Product code 14974

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

Relevant identified uses

- OVEN CLEANERS (spray, trigger) for

consumer use

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

Bidfood

814 Leigh Road SL1 4BD Slough

Telephone : +44 (0) 1494 55 5900

+44 (0) 1494 55 5900 advice\_centre@bidfood.co.uk

**1.4 - Emergency telephone number**

United Kingdom: +44 (0) 1494 55 5900

**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 Irrit. 2 | Irritation, Category 2 |
| 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

Hazard pictograms

:

Danger

Hazard statements

|  |  |
| --- | --- |
| H290 | May be corrosive to metals |
| H315 | Causes skin irritation |
| H318 | Causes serious eye damage |
| Precautionary statements |

P234

Keep only in original packaging.

Oven Cleaner

|  |  |
| --- | --- |
| P264 | Wash hands thoroughly after handling. |
| P280 | Wear protective gloves/eye protection/face protection. |
| P302+P352 | IF ON SKIN: Wash with plenty of water and soap. |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P332+P313 | If skin irritation occurs: Get medical advice/attention. |
| P362+P364 | Take off contaminated clothing and wash it before reuse. |
| P390 | Absorb spillage to prevent material damage. |
| 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 Index No. : 011-002-00-6 EC No. : 215-185-5 | 0 - 10 | Eye Dam. 1 - H318 Skin Corr. 1A - H314 | Not applicable |
| Alcohols, C12-14, ethoxylated, sulfates, sodium salts | CAS No. : 68891-38-3Index No. :EC No. : 500-234-8 | 0 - 10 | Aquatic Chronic 3 - H412 Eye Dam. 1 - H318Skin Irrit. 2 - H315 | Not applicable |
| trisodium nitrilotriacetate | CAS No. : 5064-31-3 Index No. : 607-620-00-6 EC No. : 225-768-6 | 0 - 5 | Acute Tox. 4 Oral - H302 Carc. 2 - H351Eye Irrit. 2 - H319 | Carc. 2 - H351 : 5>=%<=100 |

**SECTION 4: First aid measures**

**4.1 - Description of first aid measures**

Following inhalation

* Provide fresh air.
* Seek medical advice immediately.

Following skin contact

* After contact with skin, wash immediately with plenty of water

and soap.

* In case of skin irritation, consult a physician.

After eye contact

- 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.

After ingestion

* Rinse mouth thoroughly with water.
* Do NOT induce vomiting.
* Seek medical advice immediately.

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

Symptoms and effects - Following inhalation

- There may be shortness of breath and irritation of the throat

and chest.

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Symptoms and effects - Following skin contact - Causes skin irritation.

Symptoms and effects - After eye contact - Serious eye damage/eye irritation

Symptoms and effects - After ingestion

- There may be soreness and redness of the mouth and

throat. Nausea and stomach pain may occur.

**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**

Suitable extinguishing media

* ABC-powder
* Carbon dioxide (CO2)
* Foam
* Extinguishing powder

Unsuitable extinguishing media - Full water jet

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

Special hazards arising from the substance or - Corrosive mixture

- Hazardous combustion products

**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**

For non-emergency personnel

* Use personal protection equipment.
* Mark out the contaminated area with signs and prevent access to unauthorised access.
* Provide adequate ventilation.
* Turn leaking containers upside to prevent further escape of liquid

For emergency responders - No information available.

**6.2 - Environmental precautions**

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

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

Methods and material for containment

* Clear spills immediately.
* Clean-up should be dealt with only by qualified personnel familiar with the specific substance.

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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

* Avoid contact with skin, eyes and clothes.
* Wash contaminated clothing prior to re-use.
* Wash hands before breaks and after work.
* When using do not eat, drink, smoke, sniff.
* Work in well-ventilated zones or use proper respiratory protection.

**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 - Eye protection protective equipment

* Protective Clothing
* Protective gloves
* Wash hands thoroughly after handling.

**SECTION 9: Physical and chemical properties**

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

|  |  |  |  |
| --- | --- | --- | --- |
| Physical state | Liquid | Appearance | Liquid |
| Colour | whitish | Odour | characteristic |

|  |  |
| --- | --- |
| Odour threshold | No data available |
| pH | 12.5 |
| Melting point | No data available |
| Freezing point | No data available |
| Boiling point | 102 °C |
| Flash point | No data available |
| 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 | 1.055 |
| 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 |

Particle characteristics

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.

**10.3 - Possibility of hazardous reactions**

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

**10.4 - Conditions to avoid**

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* 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 - Irritation, Category 2 - Causes skin irritation

- Irritating to skin.

Serious eye damage/eye

irritation

- Serious eye damage, Category 1 - Causes serious eye damage

* 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

STOT-repeated exposure - Not classified

Aspiration hazard - Not classified

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**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 fullfill 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.

**12.6 - Endocrine disrupting properties**

**12.7 - Other adverse effects**

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- 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)

UN number (RID) UN number (ADN) UN number (IMDG) UN number (IATA)

:

:

:

:

:

UN1824

Not applicable Not applicable Not applicable 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)

ADR Classification code: Pictograms

:

8

:

C5

Pictograms

**14.4 - Packing group**

Packing group : II

**14.5 - Environmental hazards**

Environmental hazards

Marine pollutant

:

:

No

No

**14.6 - Special precautions for user**

Oven Cleaner

**ADR**

ADR Classification code: ADR Special provisions ADR Limited quantity (LQ) ADR Excepted quantities ADR Packing instructions

ADR Special packing provisions ADR Mixed packing provisions

Instructions for portable tanks and bulk containers Special provisions for portable tanks and bulk containers ADR tank code

ADR tanks special provisions Vehicle for tank carriage

ADR Transport category ADR Tunnel restriction code

ADR Special provisions loading, unloading and handling Special provisions - Packages

Special provisions - Bulk Special provisions - Operation

ADR Hazard identification number (Kemler No.)

:

:

:

:

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:

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:

:

:

:

:

:

:

C5

1L

E2

P001 IBC02

MP15 T7 TP2 L4BN TU42 AT

2

E

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**

Substances REACH

candidates

Substances Annex XIV Substances Annex XVII

None

None

None

VOC content No data available

**15.2 - Chemical Safety Assessment**

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

**SECTION 16: Other information**

SDS versions

|  |  |  |  |
| --- | --- | --- | --- |
| Version | Issue date | Author | Description of the amendments |
| 1 | 22/06/2022 |  |  |

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 |

Oven Cleaner

|  |  |
| --- | --- |
| Eye Irrit. 2 | Eye irritation - Category 2 |
| H290 | May be corrosive to metals |
| H302 | Harmful if swallowed |
| H315 | Causes skin irritation |
| H318 | Causes serious 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. 1A | Skin corrosion, Category 1A |
| Skin Irrit. 2 | Irritation, Category 2 |

**\*\*\* \*\*\* \*\*\***