

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

#### 1.1 Product Identifier

**Product Name:** GREASEOFF  
**Product Code/s:** 0208-0010  
**Product Use:** Powdered floor and fryer cleaner.

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

**Identified uses:** Floor and fryer cleaning product. Manual process.  
**Uses advised against:** Uses other than those identified are not recommended.

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

**Supplier** Advantage Chemicals Institutional Ltd  
 Unit 9 Strensham Business Park,  
 Strensham,  
 Worcestershire WR8 9JZ  
 Tel: 01684 273299 Web: [www.advchem.co.uk](http://www.advchem.co.uk) Email: [sales@advchem.co.uk](mailto:sales@advchem.co.uk)

#### 1.4 Emergency telephone number

**Emergency advice** Technical Information & Safety Data Sheets - 01684 273299, Monday - Friday 8.30am - 5.00pm  
 Available 24/7 from our website: [www.advchem.co.uk](http://www.advchem.co.uk)

### SECTION 2. Hazards identification

#### 2.1 Classification of the substance or mixture

The product has been classified and labelled in accordance with **Regulation (EC) No 1272/2008 [EU-GHS/CLP]**.

#### Classification

**Physical Hazards:** Not classified  
**Health Hazards:** Eye Irrit. 2 - H319; Eye Irrit. 2 - H315  
**Environmental Hazards:** Not classified

#### 2.2 Label elements

**Pictogram:**



**Signal Word:** **Warning**

**Hazard Statements** H315 Causes skin irritation.  
 H319 Cause serious eye irritation.

**Precautionary Statements** P102 Keep out of reach of children  
 P280 Wear protective gloves/protective clothing/eye protection.  
 R301 + P312 IF SWALLOWED: Call a POISON CENTRE or doctor if you feel unwell.  
 P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
 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 persists: Get medical advice/attention.  
 P337 + P313 If eye irritation persists: Get medical advice/attention.  
 P405 Store locked up.  
 P501 Dispose of contents/container in accordance with local regulations.

**Contains:** DISODIUM METASILICATE

#### 2.3 Other Hazards

This product does not contain any substances classified as PBT or vPvB

## SECTION 3. Composition/information on ingredients

### 3.2 Mixtures

| Ingredient            | EC number | CAS number | Classification (EC) 1272/2008          | Weight % |
|-----------------------|-----------|------------|--|----------|
| SODIUM CARBONATE      | 207-838-8 | 497-19-8   | Eye Irrit. 2 - H319                    | 50-70%   |
| DISODIUM METASILICATE | 229-912-9 | 6834-92-0  | Skin Corr. 1B - H314; STOT SE 3 - H315 | 1-10%    |
|                       |           |            |  |          |
|                       |           |            |  |          |
|                       |           |            |  |          |

The full text for all Hazard and Precautionary Statements are displayed in Section 16.

## SECTION 4. First aid measures

### 4.1 Description of first aid measures

#### Inhalation

No significant hazard. Avoid the creation of dusts.

#### Ingestion

Do not induce vomiting. Rinse mouth thoroughly with water. If conscious, give half a litre of water to drink immediately.

#### Skin contact

Remove all contaminated clothing and footwear immediately unless stuck to skin. Wash skin with plenty of soap and water.

#### Eye contact

Rinse immediately with plenty of water for 15 minutes. Remove any contact lenses and open eye lids wide apart. Transfer to hospital for specialist eye examination.

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

#### General information

The severity of the symptoms described will vary dependant on the concentration and the length of exposure.

#### Inhalation

Irritation of nose and throat with a feeling of tightness in the chest.

#### Ingestion

There may be soreness and redness of the throat and mouth. Nausea and stomach pain may occur.

#### Skin contact

There may be irritation at the site of contact.

#### Eye contact

There may be pain and redness. The eyes may water profusely. The vision may become blurred. May cause permanent damage.

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

#### Immediate / special treatment:

Eye bathing equipment should be available on the premises.

## SECTION 5. Firefighting measures

### 5.1 Extinguishing media

Product is not flammable. Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

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

In combustion emits toxic fumes.

### 5.3 Advice for firefighters

As in any fire, wear self contained breathing apparatus (SCBA) and suitable protective clothing.

## SECTION 6. Accidental release measures

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

Notify the police and fire brigade immediately. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of this SDS. Do not create dust.

### 6.2 Environmental precautions

Do not discharge into drains or rivers.

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

Small spillages: Flush away spillage with plenty of water to clean spillage area.

Large Spillages: Transfer spillage to a closable, labelled salvage container for disposal by an appropriate method.

### 6.4 Reference to other sections

For personal protection see section 8.

For disposal considerations see section 13.

## SECTION 7. Handling and storage

### 7.1 Precautions for safe handling

#### Usage procedures

Wear protective clothing, gloves and eye protection. Avoid the creation of dust.

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

#### Storage precautions

Store in a tightly closed original container, in a dry, cool and well ventilated place.

### 7.3 Specific end use(s)

#### Specific end uses

The identified uses for this product are detailed in Section 1.2.

#### Usage description

See Product Information Sheet & Label for detailed use of this product.

## SECTION 8. Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational Exposure Limits

SODIUM CARBONATE

Short term exposure limit (10 minutes): Workplace Exposure Limit (WEL) - 10 mg/m<sup>3</sup>.

### 8.2 Exposure Controls

#### Protective Equipment



#### Appropriate engineering controls

Ensure there is sufficient ventilation of the area.

#### Eye/face protection

The following protection should be worn: Chemical safety glasses. Ensure eye bath is to hand.

#### Hand protection

Wear protective impermeable gloves.

#### Other skin and body protection

Wear suitable protective clothing.

#### Respiratory protection

If working in a confined space and dusts are created, then a respiratory device with a particle filter is recommended.

## SECTION 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

|              |               |              |                            |
|--------------|---------------|--------------|----------------------------|
| <b>State</b> | <b>Colour</b> | <b>Odour</b> | <b>Solubility in water</b> |
| Powder.      | Yellow.       | Pine.        | Soluble.                   |

### 9.2 Other Information

None.

## SECTION 10. Stability and reactivity

### 10.1 Reactivity

Reactions with the following materials may generate heat: Strong acids.

### 10.2 Chemical stability

No particular stability concerns.

### 10.3 Possibility of hazardous reactions

See sections 10.1, 10.4 and 10.5

### 10.4 Conditions to avoid

Heat.

### 10.5 Incompatible materials

Strong acids & oxidising substances.

### 10.6 Hazardous decomposition products

In combustion emits toxic fumes.

## SECTION 11. Toxicological information

### 11.1 Information on toxicological effects

#### Hazardous ingredients:

|                     |      |     |      |            |
|---------------------|------|-----|------|------------|
| SODIUM CARBONATE    | ORL  | MUS | LD50 | 6600 mg/kg |
|                     | ORL  | RAT | LDLO | 4090 mg/kg |
| SODIUM METASILICATE | ORAL | MUS | LD50 | 770 mg/kg  |
|                     | ORAL | RAT | LD50 | 1153 mg/kg |

#### Relative effects for mixture

| Effect     | Route | Basis                 |
|------------|-------|-----------------------|
| Irritation | INH   | Hazardous: calculated |

## SECTION 12. Ecological information

### 12.1 Toxicity

#### SODIUM CARBONATE

|     |          |           |
|-----|----------|-----------|
| RAT | 96H LC50 | 2800 mg/l |
|-----|----------|-----------|

### 12.2 Persistence and degradability

The product is expected to be biodegradable.

### 12.3 Bioaccumulative potential

The product does not contain any substances expected to be bioaccumulating.

### 12.4 Mobility in soil

Readily absorbed into soil.

### 12.5 Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

### 12.6 Other adverse effects

Negligible Ecotoxicity..

## **SECTION 13. Disposal considerations**

### **13.1 Waste treatment methods**

|                              |   |
|------------------------------|---|
| <b>Disposal operations</b>   | Do not mix with other chemicals. Transfer to a suitable container and arrange for collection by a specialised disposal company. |
| <b>Disposal of packaging</b> | Arrange for disposal by specialist disposal company.  |
| <b>NB</b>                    | The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.                 |

## **SECTION 14. Transport information**

The product does not require a classification for transport.

### **14.1 UN number**

### **14.1 UN number**

UN No. (ADR/RID)

UN No. (IMDG)

UN No. (ICAO)

### **14.2 UN proper shipping name**

Proper shipping name (ADR/RID)

Proper shipping name (IMDG)

Proper shipping name (ICAO)

Proper shipping name (ADN)

### **14.3 Transport hazard class(es)**

ADR/RID Class

IMDG Class

ICAO Class/Division

Transport Labels

### **14.4 Packing Group**

ADR/RID Packing group

IMDG Packing group

ICAO Packing group

### **14.5 Environmental Hazards**

Environmentally hazardous substance: No

Marine pollutant: No

### **14.6 Special precautions for user**

Special Precautions

Transport category

Tunnel restriction code

### **14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not relevant for a packaged product.

## SECTION 15. Regulatory information

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

#### EU legislation

Safety Data Sheet prepared in accordance with REACH Commission Regulation (EU) No 453/2010 (which amends Regulation (EC) No 1907/2006). The product is as classified under GHS/CLP - Regulation (EC) No 1272/2008 classification, labelling & packaging of substances and mixtures.

#### Guidance

Workplace Exposure Limits EH40

### 15.2 Chemical safety assessment

No chemical safety assessment has been carried out as not applicable as this product is a mixture.

## SECTION 16. Other information

### Key literature references and sources for data

Miscellaneous Material Safety Data Sheets from manufacturers.  
GHS/CLP - Regulation (EC) No 1272/2008 classification, labelling & packaging of substances and mixtures.  
ECHA - C&L Inventory database.

### Revision Comments

**Revision Date** 16/11/2014 (Compilation date)

**Revision** Issue 1 - No previous validation

**SDS Status** The Hazard statements listed below in this section 16 relate to the raw materials (ingredients) in the product (as listed in section 3) and NOT the finished product itself. For the Hazard Statements relating to this product see section 3.

**Hazard Statements in** H314 Causes severe skin burns and eye damage.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.

### Abbreviations and acronyms

|               |  |
|---------------|--|
| ADN           | = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway                            |
| ADR           | = The European Agreement concerning the International Carriage of Dangerous Goods by Road                                    |
| AISE          | = The International Association for Soaps, Detergents and Maintenance Products   |
| Bw            | = Body weight  |
| cc            | = Closed cup   |
| CLP           | = Classification, Labelling and Packaging Regulation   |
| DNEL          | = Derived no effect limit  |
| DPD           | = Dangerous preparations directive   |
| DRM           | = Dermal   |
| dw            | = Dry weight   |
| EC50          | = Median effective concentration   |
| EUH statement | = CLP - specific hazard statement  |
| GPG           | = Guinea Pig   |
| HAM           | = Hamster  |
| HMN           | = Human  |
| IATA          | = International Air Transport Association  |
| IBC           | = Intermediate Bulk Container  |
| IMDG          | = International Maritime Dangerous Goods   |
| IVN           | = Intravenous  |
| LC50          | = Median lethal concentration  |
| LD50          | = Median lethal dose   |
| LogPow        | = logarithm of the octanol/water partition coefficient   |
| MAM           | = Mammal   |
| MARPOL 73/78  | = International Convention for the Prevention of Pollution From Ships, 1973 as modified in 1978. (Marpol - marine pollution) |
| MUS           | = Mouse  |
| oc            | = Open cup   |
| OCC           | = Ocular/corneal   |
| PCP           | = Physico-chemical properties  |
| PBT           | = Persistent, Bioaccumulative and Toxic  |
| PGN           | = Pigeon   |
| PNEC          | = Predicted No Effect Concentration  |
| RID           | = The Regulations concerning the International Carriage of Dangerous Goods by Rail   |

#### Disclaimer

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, express or implied, is made as to the completeness or continuing accuracy of this information. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.