

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

#### 1.1. Product identifier

|                               |   |
|-------------------------------|---|
| Product form                  | : Mixture                                     |
| Product name                  | : Super Professional Non-Bio Laundry Capsules |
| Product code                  | : 800-289-0012                                |
| Product group                 | : Trade product                               |
| Other means of identification | : UFI: 1EV5-9ADR-Q80J-3W70                    |

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

##### Relevant identified uses

|                                  |                             |
|----------------------------------|-----------------------------|
| Main use category                | : Professional use          |
| Industrial/Professional use spec | : For professional use only |
| Use of the substance/mixture     | : Detergent                 |

##### Uses advised against

|                     |                            |
|---------------------|----------------------------|
| Restrictions on use | : Not for oral consumption |
|---------------------|----------------------------|

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

##### Manufacturer

Mirius™ Global Hygiene Solutions  
 Siskin Drive, Coventry, CV3 4FX, UK

#### 1.4. Emergency telephone number

|                  |   |
|------------------|---|
| Emergency number | : +44 (0) 1865407333 (Strictly for emergencies only: incidents involving damage to human health and/or the environment)<br><a href="mailto:sds@mirius.com">sds@mirius.com</a> |
|------------------|---|

| Country/Area   | Organisation/Company                                     | Address                                  | Emergency number  | Comment          |
|----------------|--|--|---|------------------|
| Ireland        | National Poisons Information Centre<br>Beaumont Hospital | PO Box 1297<br>Beaumont Road<br>9 Dublin | +353 1 809 2566<br>(Healthcare professionals-24/7)<br>+353 1 809 2166 (public, 8am - 10pm, 7/7) |                  |
| United Kingdom | NHS 111/NHS 24/NHS Direct                                | Edinburgh                                | 111<br>0845 4647  | or call a doctor |

### 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 2              | H315 |
| Serious eye damage/eye irritation, Category 2      | H319 |
| Full text of H- and EUH-statements: see section 16 |      |

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

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

# Super Professional Non-Bio Laundry Capsules

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### 2.2. Label elements

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

Hazard pictograms (CLP)



GHS07

Signal word (CLP)

: Warning

Hazard statements (CLP)

: H315 - Causes skin irritation.

H319 - Causes serious eye irritation.

Precautionary statements (CLP)

: P280 - Wear eye protection, protective gloves.

P332+P313 - If skin irritation occurs: Get medical advice/attention.

P337+P313 - If eye irritation persists: Get medical advice/attention.

P102 - Keep out of reach of children.

P402 - Store in a dry place.

P501 - Dispose of contents and container to local regulations.

### 2.3. Other hazards

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

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

| Name  | Product identifier   | %                  | Classification according to Regulation (EC) No. 1272/2008 [CLP]  |
|---|--|--------------------|--|
| Sodium Carbonate  | CAS-No.: 497-19-8<br>EC-No.: 207-838-8<br>EC Index-No.: 011-005-00-2   | $\geq 30 - < 50$   | Eye Irrit. 2, H319   |
| sodium percarbonate                                     | CAS-No.: 15630-89-4<br>EC-No.: 239-707-6<br>REACH-no: 01-2119457268-30 | $\geq 8 - < 15$    | Ox. Sol. 3, H272<br>Acute Tox. 4 (Oral), H302 (ATE=1034 mg/kg bodyweight)<br>Eye Dam. 1, H318                                |
| disodium metasilicate                                   | CAS-No.: 6834-92-0<br>EC-No.: 229-912-9<br>EC Index-No.: 014-010-00-8  | $\geq 0.5 - < 2$   | Skin Corr. 1B, H314<br>STOT SE 3, H335   |
| Sulphuric acid, mono C12-C14-alkyl esters, sodium salts | CAS-No.: 85586-07-8<br>EC-No.: 287-809-4                               | $\geq 0.5 - < 1.5$ | Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight)<br>Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Aquatic Chronic 3, H412 |

### Specific concentration limits:

| Name                | Product identifier   | Specific concentration limits (%)  |
|---------------------|--|--|
| sodium percarbonate | CAS-No.: 15630-89-4<br>EC-No.: 239-707-6<br>REACH-no: 01-2119457268-30 | (7.5 $\leq$ C < 25) Eye Irrit. 2; H319<br>(25 $\leq$ C < 100) Eye Dam. 1; H318 |

# Super Professional Non-Bio Laundry Capsules

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### Specific concentration limits:

| Name  | Product identifier                       | Specific concentration limits (%)                                   |
|---|--|---|
| Sulphuric acid, mono C12-C14-alkyl esters, sodium salts | CAS-No.: 85586-07-8<br>EC-No.: 287-809-4 | (10 ≤ C < 20) Eye Irrit. 2; H319<br>(20 ≤ C < 100) Eye Dam. 1; H318 |

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

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a poison center or a doctor.

First-aid measures after skin contact : Wash skin with plenty of water.

First-aid measures after eye contact : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Rinse eyes with water as a precaution.

First-aid measures after ingestion : Rinse mouth out with water. If you feel unwell, seek medical advice. Do not induce vomiting because of corrosive effects. Call a poison center or a doctor if you feel unwell.

First-aid measures for first aider : First aid workers will be equipped with suitable personal protective equipment.

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

Symptoms/effects : Causes serious eye damage. Causes serious eye irritation.

Symptoms/effects after inhalation : Unlikely to be hazardous by inhalation due to low vapour pressure of the product at ambient temperature.

Symptoms/effects after skin contact : Causes skin irritation.

Symptoms/effects after eye contact : Causes serious eye damage.

Symptoms/effects after ingestion : Unlikely exposure route without abuse. Symptoms will include, sickness, possible irritation of GI tract.

### 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 : The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. Foam, carbon dioxide or dry powder. Water spray. Dry powder. Foam.

Unsuitable extinguishing media : Water.

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

Fire hazard : Not flammable.

Explosion hazard : Not applicable.

Hazardous decomposition products in case of fire : Carbon monoxide. Corrosive vapours.

### 5.3. Advice for firefighters

Precautionary measures fire : Keep away from combustible materials.

Firefighting instructions : Fight fire with normal precautions from a reasonable distance. Do not enter fire area without proper protective equipment, including respiratory protection.

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

# Super Professional Non-Bio Laundry Capsules

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### SECTION 6: Accidental release measures

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

|                                    |  |
|------------------------------------|--|
| General measures                   | : Avoid contact with skin and eyes. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.  |
| <b>For non-emergency personnel</b> |  |
| Protective equipment               | : Wear recommended personal protective equipment.  |
| Emergency procedures               | : Ventilate spillage area. Do not breathe vapours. Evacuate unnecessary personnel. See section 8 of the SDS for more information on personal protective equipment.   |
| <b>For emergency responders</b>    |  |
| Protective equipment               | : Do not attempt to take action without suitable protective equipment. Use personal protective equipment as required. For further information refer to section 8: "Exposure controls/personal protection". |
| Emergency procedures               | : Evacuate unnecessary personnel.  |

#### 6.2. Environmental precautions

Avoid release to the environment.

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

|                         |  |
|-------------------------|--|
| For containment         | : Collect spillage.  |
| Methods for cleaning up | : Mechanically recover the product. Clear up rapidly by scoop or vacuum. |
| 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". For further information refer to section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

|                                   |  |
|-----------------------------------|--|
| Additional hazards when processed | : Not expected to present a significant hazard under anticipated conditions of normal use.   |
| Precautions for safe handling     | : Ensure good ventilation of the work station. Wear personal protective equipment. Avoid contact with eyes. Avoid contact with skin. |
| Hygiene measures                  | : 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

|                        |   |
|------------------------|---|
| Technical measures     | : Keep in a cool, well-ventilated place away from heat.   |
| Storage conditions     | : Store in a closed container. Store in dry protected location to prevent any moisture contact. |
| Incompatible products  | : Strong acids. Strong bases.   |
| Maximum storage period | : ≈ 2 year  |
| Storage temperature    | : > 0 – ≤ 30 °C   |
| Packaging materials    | : Always store product in container of same material as original container.                     |

#### 7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available

# Super Professional Non-Bio Laundry Capsules

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### 8.2. Exposure controls

#### Appropriate engineering controls

##### Appropriate engineering controls:

Ensure good ventilation of the work station.

#### Personal protection equipment

##### Personal protective equipment:

Wear eye protection. Wear protective gloves.

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



#### Eye and face protection

##### Eye protection:

Unless the assessment indicates a higher degree of protection is required, following protection should be worn: Tight-fitting safety glasses.

#### Skin protection

##### Hand protection:

Wash your hands

#### Environmental exposure controls

##### Environmental exposure controls:

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

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

|   |  |
|---|--|
| Physical state                                  | : Solid  |
| Colour  | : white.   |
| Appearance                                      | : Powder.  |
| Odour   | : Laundry detergents.  |
| Odour threshold                                 | : Not applicable   |
| Melting point                                   | : Not available  |
| Freezing point                                  | : Not applicable   |
| Boiling point                                   | : Not available  |
| Flammability                                    | : Not available  |
| Explosive properties                            | : Not explosive.   |
| Oxidising properties                            | : The product mixture is not overall classified as an oxidiser, but does contain an oxidising component. |
| Lower explosion limit                           | : Not applicable   |
| Upper explosion limit                           | : Not applicable   |
| Flash point                                     | : Not applicable   |
| Auto-ignition temperature                       | : Not applicable   |
| Decomposition temperature                       | : Not available  |
| pH  | : 10 – 11 @1% dilution   |
| pH solution                                     | : Not available  |
| Viscosity, kinematic                            | : Not applicable   |
| Solubility                                      | : Not available  |
| Partition coefficient n-octanol/water (Log Kow) | : Not available  |
| Vapour pressure                                 | : Not available  |
| Vapour pressure at 50°C                         | : Not available  |
| Density   | : Not available  |
| Relative density                                | : 1 – 1.2  |
| Relative vapour density at 20°C                 | : Not applicable   |
| Particle size                                   | : Not available  |

### 9.2. Other information

No additional information available

# Super Professional Non-Bio Laundry Capsules

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### 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

No dangerous reactions known under normal conditions of use.

#### 10.4. Conditions to avoid

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

#### 10.5. Incompatible materials

No additional information available

#### 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 hazard classes as defined in Regulation (EC) No 1272/2008

|                             |                  |
|-----------------------------|------------------|
| Acute toxicity (oral)       | : Not classified |
| Acute toxicity (dermal)     | : Not classified |
| Acute toxicity (inhalation) | : Not classified |

#### sodium percarbonate (15630-89-4)

|                                   |  |
|-----------------------------------|--|
| LD50 oral rat                     | > 1034 – < 2000 mg/kg  |
| LD50 dermal rabbit                | > 2000 mg/kg bodyweight Animal: rabbit, Guideline: other:    |
| Skin corrosion/irritation         | : Causes skin irritation.<br>pH: 10 – 11 @1% dilution        |
| Serious eye damage/irritation     | : Causes serious eye irritation.<br>pH: 10 – 11 @1% dilution |
| Respiratory or skin sensitisation | : Not classified   |
| Germ cell mutagenicity            | : Not classified   |
| Carcinogenicity                   | : Not classified   |
| Reproductive toxicity             | : Not classified   |
| STOT-single exposure              | : Not classified   |

#### disodium metasilicate (6834-92-0)

|                        |                                   |
|------------------------|-----------------------------------|
| STOT-single exposure   | May cause respiratory irritation. |
| STOT-repeated exposure | : Not classified                  |
| Aspiration hazard      | : Not classified                  |

#### Super Professional Non-Bio Laundry Capsules

|                      |                |
|----------------------|----------------|
| Viscosity, kinematic | Not applicable |
|----------------------|----------------|

#### 11.2. Information on other hazards

No additional information available

# Super Professional Non-Bio Laundry Capsules

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### SECTION 12: Ecological information

#### 12.1. Toxicity

|   |   |
|---|---|
| Ecology - general   | : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment. |
| Hazardous to the aquatic environment, short-term (acute)  | : Not classified  |
| Hazardous to the aquatic environment, long-term (chronic) | : Not classified  |

#### sodium percarbonate (15630-89-4)

|                      |  |
|----------------------|--|
| EC50 - Crustacea [1] | 4.9 mg/l Test organisms (species): Daphnia pulex |
|----------------------|--|

#### 12.2. Persistence and degradability

##### Super Professional Non-Bio Laundry Capsules

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

##### Sodium Carbonate (497-19-8)

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

##### sodium percarbonate (15630-89-4)

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

##### disodium metasilicate (6834-92-0)

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

##### Sulphuric acid, mono C12-C14-alkyl esters, sodium salts (85586-07-8)

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

#### 12.3. Bioaccumulative potential

No additional information available

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Results of PBT and vPvB assessment

No additional information available

#### 12.6. Endocrine disrupting properties

No additional information available

#### 12.7. Other adverse effects

No additional information available

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

|  |   |
|--|---|
| Regional waste regulation                  | : Disposal must be done according to official regulations.  |
| Waste treatment methods                    | : Dispose of contents/container in accordance with licensed collector's sorting instructions.                           |
| Sewage disposal recommendations            | : Disposal must be done according to official regulations.  |
| Product/Packaging disposal recommendations | : Comply with applicable regulations for solid waste disposal. Disposal must be done according to official regulations. |
| Additional information                     | : Do not re-use empty containers.   |

# Super Professional Non-Bio Laundry Capsules

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

HP Code : HP4 - "Irritant – skin irritation and eye damage:" waste which on application can cause skin irritation or damage to the eye.

## SECTION 14: Transport information

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

| ADR                                     | IMDG           | IATA           | ADN            | RID            |
|---|----------------|----------------|----------------|----------------|
| <b>14.1. UN number or ID number</b>     |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.2. UN proper shipping name</b>    |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.3. Transport hazard class(es)</b> |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.4. Packing group</b>              |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.5. Environmental hazards</b>      |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| No supplementary information available  |                |                |                |                |

## 14.6. Special precautions for user

### Overland transport

Not applicable

### Transport by sea

Not applicable

### Air transport

Not applicable

### Inland waterway transport

Not applicable

### Rail transport

Not applicable

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

Not applicable

## SECTION 15: Regulatory information

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

#### 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

# Super Professional Non-Bio Laundry Capsules

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### **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 (2024/590)**

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

### **Council Regulation (EC) for the control of dual-use items**

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

### **Explosives Precursors Regulation (EU 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 (EC 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)

## 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

### **Full text of H- and EUH-statements:**

|                     |  |
|---------------------|--|
| Acute Tox. 4 (Oral) | Acute toxicity (oral), Category 4  |
| Aquatic Chronic 3   | Hazardous to the aquatic environment – Chronic Hazard, Category 3                          |
| Eye Dam. 1          | Serious eye damage/eye irritation, Category 1  |
| Eye Irrit. 2        | Serious eye damage/eye irritation, Category 2  |
| Ox. Sol. 3          | Oxidising Solids, Category 3   |
| Skin Corr. 1B       | Skin corrosion/irritation, Category 1, Sub-Category 1B                                     |
| Skin Irrit. 2       | Skin corrosion/irritation, Category 2  |
| STOT SE 3           | Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation |
| H272                | May intensify fire; oxidiser.  |
| 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.   |
| H335                | May cause respiratory irritation.  |
| H412                | Harmful to aquatic life with long lasting effects.   |

Safety Data Sheet (SDS), EU

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, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.