1. Identification of Substance/Mixture and of the company undertaking

1.1 Product Name: Non Bio Sensitive Laundry Capsules

UPC: 187763

Series Number:

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

Identified Use(s): Detergent for cleaning clothes

Uses Advised Against: All uses not specified in this section or in section 7.3

1.3 Details of the supplier of the safety data sheet –

Manufacturer

Company Identification: Solent International Ltd
Address of Manufacturer: 16 Queens Avenue
Postal Code: BH23 1BZ
Telephone: 01202 490500
Fax: N/A
E-mail: support@solentgroup.co.uk
Office hours: 09:00 – 17:30 (Mon – Fri)

Supplier

Company Identification: Marks and Spencer PLC
Address of Supplier: Waterside House
35 Wharf Road
London
Postal Code: W2 1NW
Telephone: 00 44 (0)1342 870900
2. Hazard Identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008 (CLP)  
Aquatic Chronic 3: Hazardous to the aquatic environment, long-term hazard, Category 3, H412

Eye Irrit. 2: Eye irritation, Category 2, H319

Skin Irrit. 2: Skin irritation, Category 2, H315

2.2. Label elements

According to Regulation (EC) No. 1272/2008 (CLP)

Product Name: Non Bio Sensitive Laundry Capsules

Hazard Pictogram(s):

Signal Word(s): Warning

Hazard Statement(s): Harmful to aquatic life with long lasting effects  
Causes serious eye irritation  
Causes skin irritation

Precautionary Statement(s): Keep out of reach of children  
Wear protective gloves/eye protection  
IF ON SKIN: Wash with plenty of water  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.  
If eye irritation persists: get medical advice/attention.  
Dispose of the contents/containers in accordance with the current legislation on waste treatment.
2.3. Other hazards

Product fails to meet PBT/vPvB criteria

3. Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS No</th>
<th>EC No</th>
<th>Classification EC 1272/2008</th>
<th>Function</th>
<th>Concentration in product (range) (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzenesulfonic acid</td>
<td>8548-0-55-3</td>
<td>287-335-8</td>
<td>Acute Tox. 4: H302, Aquatic Chronic 3: H412; Eye Dam. 1: H318L Skin Irrit. 2: H315 - Danger</td>
<td></td>
<td>10+</td>
</tr>
<tr>
<td>C12-14 Pareth-7</td>
<td>6843-9-50-9</td>
<td>935-098-2</td>
<td>Acute Tox. 4: H302 Aquatic Chronic 3: H412; Eye Dam. 1: H318 - Danger</td>
<td></td>
<td>10+</td>
</tr>
<tr>
<td>Fatty acids C12-18</td>
<td>9103-1-21-9</td>
<td>292-921-1</td>
<td>Eye Dam. 1: H318 – Danger</td>
<td></td>
<td>10+</td>
</tr>
<tr>
<td>Ethanolamine</td>
<td>141-43-5</td>
<td>205-483-3</td>
<td>Acute Tox. 4: H302+H312+ H332; Skin Corr. 1B: H314 – Danger</td>
<td></td>
<td>&lt;1</td>
</tr>
</tbody>
</table>

Further Ingredient information is available here: [http://uk.cleanright.eu/index.php?option=com_content&task=view&id=80&Itemid=111](http://uk.cleanright.eu/index.php?option=com_content&task=view&id=80&Itemid=111)

4. First Aid Measures

4.1. Description of first aid measures
The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

**Inhalation**

This product is not classified as hazardous through inhalation. However, in case of intoxication symptoms it is recommended to remove the person affected from the area of exposure, provide clean air and keep at rest. Request medical attention if symptoms persist.

**Skin Contact**

Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.

**Eye Contact**

Rinse eyes thoroughly with lukewarm water for at least 15 minutes. Do not allow the person affected to rub or close their eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.

**Ingestion**

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

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

Acute and delayed effects are indicated in sections 2 and 11.

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

Not applicable

### 5. Fire Fighting Measures

**5.1. Extinguishing media**

Suitable Extinguishing media: Product is non-flammable under normal conditions of storage, handling and use. In the case of combustion as a result of improper handling, storage or use preferably use polyvalent powder extinguishers (ABC powder), in
accordance with the Regulation on fire protection systems.
IT IS NOT RECOMMENDED to use tap water as an extinguishing agent.

Unsuitable extinguishing media: None.

5.2. Special hazards arising from the substance or mixture
As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

5.3. Advice for firefighters
Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.

Additional provisions: Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

6. Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures
Isolate leaks provided that there is no additional risk for the people performing this task. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Evacuate the area and keep out those who do not have protection.

6.2. Environmental precautions
Avoid at all cost any type of spillage into an aqueous medium. Contain the product absorbed appropriately in hermetically sealed containers. Notify the relevant authority in case of exposure to the general public or the environment.

6.3. Methods and material for containment and cleaning up
It is recommended: Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.
Marks & Spencer Homecare Product
Ingredients and Safety Data Sheet
Product: Non Bio Sensitive Laundry Capsules
Version: 1
Date: 18/07/2018

6.4. Reference to other sections
See Also Section 8, 13.

7. Handling & Storage

7.1. Precautions for safe handling

A- Precautions for safe manipulation

Comply with the current legislation concerning the prevention of industrial risks. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used.

B- Technical recommendations for the prevention of fires and explosions

Product is non-flammable under normal conditions of storage, handling and use. It is recommended to transfer at slow speeds to avoid the generation of electrostatic charges that can affect flammable products. Consult section 10 for information on conditions and materials that should be avoided.

C- Technical recommendations to prevent ergonomic and toxicological risks

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D- Technical recommendations to prevent environmental risks

Due to the danger of this product for the environment it is recommended to use it within an area containing contamination control barriers in case of spillage, as well as having absorbent material in close proximity.

7.2. Conditions for safe storage, including any incompatibilities

Storage temperature: Cool, dry, well ventilated location. Avoid sources of heat, radiation static electricity and contact with food. For additional information, see subsection 10.5.

Storage life: Stable under normal conditions.

Incompatible materials: None known.

7.3. Specific end use(s)

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.
8. Exposure Controls & Personal Protection

8.1. Control parameters

General Information

Hand protection
Not normally required for domestic use.

Skin Protection
Not normally required for domestic use.

Eye protection
Not normally required for domestic use.

Respiratory
Normally no personal respiratory protection is necessary.

8.2. Exposure controls

Occupational Exposure Limits
9. Physical & Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance
- Liquid
- Cream

Odour
- Pleasant

9.2. Other information

10. Stability & Reactivity

10.1. Reactivity
No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7.

10.2. Chemical stability
Chemically stable under the conditions of storage, handling and use.

10.3. Possibility of hazardous reactions
Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

10.4. Conditions to avoid

Environmental exposure controls:
In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D
10.6. Hazardous decomposition products

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO2), carbon monoxide and other organic compounds.

11. Toxicological Information

11.1. Information on toxicological effects

Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

A- Ingestion (acute effect):

- Acute toxicity: Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for consumption. For more information see section 3.
- Corrosivity: Irritability: The consumption of a considerable dose can cause irritation in the throat, abdominal pain, nausea and vomiting.

B- Inhalation (acute effect):

- Acute toxicity: Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous for inhalation. For more information see section 3.
- Corrosivity: Irritability: Based on available data, the classification criteria are not met. However, it does contain substances classified as dangerous for this effect. For more information see section 3.

C- Contact with the skin and the eyes (acute effect):

- Contact with the skin: Produces skin inflammation.
- Contact with the eyes: Produces eye damage after contact.

D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

- Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for the effects mentioned. For more information see section 3.
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
- Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
Marks & Spencer Homecare Product
Ingredients and Safety Data Sheet

Product: Non Bio Sensitive Laundry Capsules
Version: 1
Date: 18/07/2018

E- Sensitizing effects:
- Respiratory: Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous with sensitising effects. For more information see section 3.
- Cutaneous: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

F- Specific target organ toxicity (STOT) - single exposure:
Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous for inhalation. For more information see section 3.

G- Specific target organ toxicity (STOT) - repeated exposure:
- Specific target organ toxicity (STOT) - repeated exposure: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

H- Aspiration hazard:
Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

12. Ecological Information

12.1. Toxicity

<table>
<thead>
<tr>
<th>Identification</th>
<th>Acute toxicity</th>
<th>Species</th>
<th>Genus</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEA-C10-13 ALKYL BENZENESULFONATE</td>
<td>LC50 1.87 mg/L (96 h)</td>
<td>Lepomis macrochirus</td>
<td>Fish</td>
</tr>
<tr>
<td>CAS: 84430-56-3</td>
<td>EC50 Non-applicable</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EC50 Non-applicable</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D12-14 PARETH-7</td>
<td>LC50 10 - 100 mg/L (96 h)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CAS: 84430-56-9</td>
<td>EC50 10 - 100 mg/L (48 h)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EC50 Non-applicable</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EC50 10 - 100 mg/L (72 h)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Octanol-water</td>
<td>LC50 248 mg/L (96 h)</td>
<td>Cyprinus carpio</td>
<td>Fish</td>
</tr>
<tr>
<td>CAS: 141-40-5</td>
<td>EC50 65 mg/L (48 h)</td>
<td>Daphnia magna</td>
<td>Osteoecen</td>
</tr>
<tr>
<td>EC50 22 mg/L (72 h)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SUBTILIN</td>
<td>LC50 0.1 - 1 mg/L (96 h)</td>
<td>Streptomyces subtilis</td>
<td>Algae</td>
</tr>
<tr>
<td>CAS: 5014-01-1</td>
<td>EC50 0.1 - 1 mg/L</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EC50 0.1 - mgL</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

12.2. Persistence and degradability

<table>
<thead>
<tr>
<th>Identification</th>
<th>Degradability</th>
<th>Biodegradability</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEA-C10-13 ALKYL BENZENESULFONATE</td>
<td>BOD5 Non-applicable</td>
<td>Concentration Non-applicable</td>
</tr>
<tr>
<td>CAS: 84430-56-3</td>
<td>COD Non-applicable</td>
<td>21 days</td>
</tr>
<tr>
<td>EC50 Non-applicable</td>
<td></td>
<td>21 days</td>
</tr>
<tr>
<td>D12-14 PARETH-7</td>
<td>BOD5 Non-applicable</td>
<td>Concentration 100 mg/L</td>
</tr>
<tr>
<td>CAS: 84430-56-9</td>
<td>COD Non-applicable</td>
<td>14 days</td>
</tr>
<tr>
<td>EC50 Non-applicable</td>
<td></td>
<td>14 days</td>
</tr>
<tr>
<td>D-alkanolamide</td>
<td>BOD5 Non-applicable</td>
<td>Concentration 20 mg/L</td>
</tr>
<tr>
<td>CAS: 141-43-5</td>
<td>COD Non-applicable</td>
<td>21 days</td>
</tr>
<tr>
<td>EC50 Non-applicable</td>
<td></td>
<td>21 days</td>
</tr>
<tr>
<td>D-alkanolamide</td>
<td>BOD5/COD Non-applicable</td>
<td>% Biodegradable 90 %</td>
</tr>
</tbody>
</table>
12.3. Bioaccumulative potential

<table>
<thead>
<tr>
<th>Identification</th>
<th>Bioaccumulation potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEA-C10-13 ALKYL BENZENESULFONATE</td>
<td>BCF 87</td>
</tr>
<tr>
<td>CAS: 55498-55-3</td>
<td></td>
</tr>
<tr>
<td>EC: 287-335-3</td>
<td></td>
</tr>
<tr>
<td>2-aminoethanol</td>
<td>BCF 3</td>
</tr>
<tr>
<td>CAS: 141-43-6</td>
<td></td>
</tr>
<tr>
<td>EC: 206-163-3</td>
<td></td>
</tr>
</tbody>
</table>

12.4. Mobility in soil

<table>
<thead>
<tr>
<th>Identification</th>
<th>Absorption/Desorption</th>
<th>Volatility</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEA-C10-13 ALKYL BENZENESULFONATE</td>
<td>Rec 1.15</td>
<td>Henry Non-applicable</td>
</tr>
<tr>
<td>CAS: 55498-55-3</td>
<td>Conclusion Very High</td>
<td>Dry soil Non-applicable</td>
</tr>
<tr>
<td>EC: 287-335-3</td>
<td>Surface tension Non-applicable</td>
<td>Moist soil Non-applicable</td>
</tr>
<tr>
<td>2-aminoethanol</td>
<td>Rec 0.27</td>
<td>Henry 5.7E-5 Pa m³/mol</td>
</tr>
<tr>
<td>CAS: 141-43-6</td>
<td>Conclusion Very High</td>
<td>Dry soil No</td>
</tr>
<tr>
<td>EC: 206-163-3</td>
<td>Surface tension 6.028E-2 N/m (29 °C)</td>
<td>Moist soil No</td>
</tr>
</tbody>
</table>

12.5. Results of PBT and vPvB assessment

Product fails to meet PBT/vPvB criteria.

12.6. Other adverse effects

Not known.

13. Disposal

13.1. Waste treatment methods

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Waste class (Regulation (EU) No 1357/2014)</th>
</tr>
</thead>
<tbody>
<tr>
<td>20 01 26*</td>
<td>Detergents containing hazardous substances</td>
<td>Dangerous</td>
</tr>
</tbody>
</table>

Type of waste (Regulation (EU) No 1357/2014):

HP14 Ecotoxic, HP4 Irritant — skin irritation and eye damage, HP6 Acute Toxicity

Waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC, The Waste Regulations 2011, 2011 No. 988). As under 18 01 (2014/966/EU) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-dangerous residue. We do not recommended disposal down the drain. See paragraph 8.2.

Regulations related to waste management:

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated.


14. Transport Information

Not classified as hazardous for transport.
14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

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

15. Regulatory Information

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

Regulation (EC) No 528/2012: contains a preservative to protect the initial properties of the treated article. Contains Glutaral.

Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Non-applicable

Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Non-applicable

Regulation (EC) No 1005/2009, about substances that deplete the ozone layer: Non-applicable

Article 95, REGULATION (EU) No 528/2012: Non-applicable

REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Non-applicable

Regulation (EC) No 648/2004 on detergents:

In accordance with this regulation the product complies with the following:

The tensaactives contained in this mixture comply with the biodegradability criteria stipulated in Regulation (EC) n°648/2004 on detergents. The information to prove this is available to the relevant authorities of the Member States and will be shown to them by direct request or the request of a detergent manufacturer.

<table>
<thead>
<tr>
<th>Component</th>
<th>Concentration Interval</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-ionic surfactants</td>
<td>15 ≤ % (a/w) ≤ 50</td>
</tr>
</tbody>
</table>
15.2. Chemical safety assessment

A REACH chemical safety assessment has not been carried out

16. Other Information

Legislation related to safety data sheets:
This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (Registration (EC) No 2015/830)

Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks:
Non-applicable

Texts of the legislative phrases mentioned in section 2:
H315: Causes skin irritation
H319: Causes serious eye irritation
H412: Harmful to aquatic life with long lasting effects

Texts of the legislative phrases mentioned in section 3:
The phrases indicated do not refer to the product itself, they are present merely for informative purposes and refer to the individual components which appear in section 3

CLP Regulation (EC) No 1272/2008:
Advisory training:

Minimal training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

Principal bibliographical sources:

http://echa.europa.eu
http://eur-lex.europa.eu

Abbreviations and acronyms:

ADR: European agreement concerning the international carriage of dangerous goods by road
IMDG: International maritime dangerous goods code
IATA: International Air Transport Association
ICAO: International Civil Aviation Organisation
COD: Chemical Oxygen Demand
BOD5: 5-day biochemical oxygen demand
BCF: Bioconcentration factor
LD50: Lethal Dose 50
LC50: Lethal Concentration 50
EC50: Effective concentration 50
Log-POW: Octanol-water partition coefficient
Koc: Partition coefficient of organic carbon

Other information:

Procedure used to derive the classification for mixtures according the article 9 of Regulation nº 1272/2008 (CLP)
-Skin corrosion or irritation: Skin Irrit 2, H315. Calculation method.
-Eye corrosion or irritation: Eye Irrit 2, H319. On basis of test data with a similar mixture (OECD 438 and modified OECD 405).

Disclaimers: The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.