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

1.1 Product Name: 2 In 1 Laundry Liquid

UPC: 187411

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

Identified Use(s):
- SU21 Consumer Uses: Private households (= general public = consumers)
- PC35 Washing and Cleaning Products (including solvent based products)

Uses Advised Against: Not known

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

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

Product Name: Bio 2 In 1 Laundry Liquid

Hazard Pictogram(s): GHS05

Signal Word(s): Danger

Hazard Statement(s): H318: Causes serious eye damage
EUH208: Contains: benzothiazolinone. May produce an allergic reaction.

Precautionary Statement(s): Keep out of reach of children

P305+P351+P338: IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing.

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

P301+P312: IF SWALLOWED: call a POISON CENTER or doctor physician if you feel unwell.
P101: if medical advice needed, have product container or label at hand.
2.3. Other hazards

None known

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>Aqua</td>
<td>7732 -18-5</td>
<td>231-791-2</td>
<td>Not classified</td>
<td>Diluent</td>
<td>10+</td>
</tr>
<tr>
<td>Sodium dodecylbenzenesulfonate</td>
<td>6841 1-30-3</td>
<td>270-115-0</td>
<td>Acute Tox 4 H302 Skin Irrit. 2 H315 Eye Dam. 1 H318</td>
<td>Anionic surfactant</td>
<td>10+</td>
</tr>
<tr>
<td>Sodium laureth sulfate</td>
<td>6858 5-34-2</td>
<td>500-223-8</td>
<td>Skin Irrit. 2 H315 Eye Irrit. 2 H319</td>
<td>Anionic surfactant</td>
<td>1-10</td>
</tr>
<tr>
<td>Potassium cocoate</td>
<td>6178 9-30-8</td>
<td>263-049-9</td>
<td>Skin Irrit. 2 H315 Eye Irrit. 2 H319</td>
<td>Soap</td>
<td>1-10</td>
</tr>
<tr>
<td>Propylene glycol</td>
<td>57-55-6</td>
<td>200-338-0</td>
<td>Not classified</td>
<td>Solvent</td>
<td>1-10</td>
</tr>
<tr>
<td>Alcohol ethoxylated</td>
<td>6821 3-23-0</td>
<td>932-773-3</td>
<td>Eye Dam. 1 H318 Eye Irrit. 2 H319</td>
<td>Non-ionic surfactant</td>
<td>1-10</td>
</tr>
<tr>
<td>Alcohol ethoxylated propoxylated</td>
<td>6922 7-22-1</td>
<td>614-942-0</td>
<td>Acute Tox. 4 H302 Eye Dam. 1 H318</td>
<td>Non-ionic surfactant</td>
<td>1-10</td>
</tr>
<tr>
<td>Alkylglucoside</td>
<td>1106 15-47-9</td>
<td>600-975-8</td>
<td>Skin Irrit. 2 H315 Eye Dam. 1 H318</td>
<td>Non-ionic surfactant</td>
<td>1-10</td>
</tr>
<tr>
<td>Trisodium ethylenediamine disuccinate</td>
<td>1789 49-82-1</td>
<td>605-842-8</td>
<td>Not classified</td>
<td>Chelating agent</td>
<td>1-10</td>
</tr>
<tr>
<td>Sodium citrate</td>
<td>6132-04-3</td>
<td>200-675-3</td>
<td>Not classified</td>
<td>Chelating agent</td>
<td>1-10</td>
</tr>
<tr>
<td>Ingredient</td>
<td>CAS Number</td>
<td>EINECS Number</td>
<td>Classification</td>
<td>Category</td>
<td>Amount</td>
</tr>
<tr>
<td>----------------------------------</td>
<td>------------</td>
<td>---------------</td>
<td>----------------</td>
<td>------------------</td>
<td>--------</td>
</tr>
<tr>
<td>Peg-8 glycerol isostearate</td>
<td>6895-8-58-7</td>
<td>614-860-5</td>
<td>Not classified</td>
<td>Performance additive</td>
<td>1-10</td>
</tr>
<tr>
<td>Plantatex LLE</td>
<td>N/A</td>
<td>N/A</td>
<td>Not classified</td>
<td>Softener</td>
<td>1-10</td>
</tr>
<tr>
<td>Diethanolamine</td>
<td>111-42-2</td>
<td>203-868-0</td>
<td>Acute Tox. 4 H302 Skin Irrit. 2 H315 Eye Dam. 1 H318 STOT RE 2 H373 GHS05</td>
<td>1-10</td>
<td></td>
</tr>
<tr>
<td>Fluorescent brightener 28</td>
<td>4193-55-9</td>
<td>224-073-5</td>
<td>Not classified</td>
<td>Optical brightener</td>
<td>1-10</td>
</tr>
<tr>
<td>Citric acid</td>
<td>77-92-9</td>
<td>201-069-1</td>
<td>Eye Irrit. 2A H319</td>
<td>Acid</td>
<td>0.1-1</td>
</tr>
<tr>
<td>Parfum</td>
<td>N/A</td>
<td>N/A</td>
<td>Skin Irrit. 2 H315 Skin Sens. 1 H317 Eye Irrit. 2 H319 Aquatic Chronic 2 H411</td>
<td>Fragrance</td>
<td>&lt;0.1</td>
</tr>
<tr>
<td>Benzisothiazolinone</td>
<td>2634-33-5</td>
<td>220-120-9</td>
<td>Acute Tox. 4 H302 Skin Irrit. 2 H315 Skin Sens. 1 H317 Eye Dam. 1 H318 Aquatic Acute 1 H400</td>
<td>Preservative</td>
<td>&lt;0.1</td>
</tr>
<tr>
<td>Liquitint pink al</td>
<td>N/A</td>
<td>N/A</td>
<td>Not classified</td>
<td>Colour</td>
<td>&lt;0.1</td>
</tr>
<tr>
<td>Amylase</td>
<td>9000-92-4</td>
<td>232-567-7</td>
<td>Skin Irrit. 2 H315 Eye Irrit. 2 H319 Resp. Sens. 1 H334 STOT SE 3 H335</td>
<td>Enzyme</td>
<td>&lt;0.1</td>
</tr>
</tbody>
</table>
## 4. First Aid Measures

### 4.1. Description of first aid measures

**Inhalation**
Treat symptomatically

**Skin Contact**
Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention. Specific treatment (see Medical Advice on this label).

**Eye Contact**
Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**Ingestion**
Treat symptomatically

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

Causes burns

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

Specific treatment (see Medical Advice on this label). Treat symptomatically.

---

**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)
5. Fire Fighting Measures

5.1. Extinguishing media
Suitable Extinguishing media: As appropriate for surrounding fire.

Unsuitable extinguishing media: None.

5.2. Special hazards arising from the substance or mixture
May decompose in a fire, giving off toxic and irritant vapours.

5.3. Advice for firefighters

6. Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures
Provide adequate ventilation. Wear suitable protective clothing, gloves and eye/face protection.

6.2. Environmental precautions
This material and its container must be disposed of in a safe way.

6.3. Methods and material for containment and cleaning up
Adsorb spillages onto sand, earth or any suitable adsorbent material. Use vacuum equipment for collecting spilt materials, where practical.

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

7. Handling & Storage

7.1. Precautions for safe handling
Wash hands and exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

7.2. Conditions for safe storage, including any incompatibilities
Storage temperature: Ambient.

Storage life: Stable under normal conditions.

Incompatible materials: None known.
7.3. Specific end use(s)
Laundry detergent

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

<table>
<thead>
<tr>
<th>SUBSTANCE.</th>
<th>CAS No.</th>
<th>LTEL (8 hr TWA ppm)</th>
<th>LTEL (8 hr TWA mg/m³)</th>
<th>STEL (ppm)</th>
<th>STEL (mg/m³)</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propane-1,2-diol total vapour and particulates</td>
<td>57-55-6</td>
<td>150</td>
<td>474</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Propane-1,2-diol particulates</td>
<td>57-55-6</td>
<td>10</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Subtilisins</td>
<td>9014-01-1</td>
<td>4.0E-5</td>
<td></td>
<td></td>
<td></td>
<td>Sen</td>
</tr>
</tbody>
</table>

Region | Source
Europe | EU Occupational Exposure Limits
United Kingdom | Workplace Exposure Limits (WEL)

Remark | Notes
Sen | Capable of causing occupational asthma. See EH40 paragraphs 53-56
(i) | 1395-12-7 (Bacillus subtilis BP) 9014-01-1 (Bacillus subtilis Carlsberg)

9. Physical & Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance
Liquid
Purple clear liquid
Odour
Characteristic

9.2. Other information

10. Stability & Reactivity

10.1. Reactivity
None anticipated.

10.2. Chemical stability
Stable under normal conditions.

10.3. Possibility of hazardous reactions
No hazardous reactions known if used for its intended person.

10.4. Conditions to avoid
None anticipated.

10.5. Incompatible materials
Not known.

10.6. Hazardous decomposition products
No hazardous decomposition products known.

11. Toxicological Information

11.1. Information on toxicological effects
Acute toxicity – Ingestion: Not classified

Calculated acute toxicity estimate (ATE) Calc ATE – 8196.72000.

Serious eye damage/irritation: Calculation method: Causes serious eye irritation.

12. Ecological Information

12.1. Toxicity
Toxicity – Aquatic invertebrates: Low toxicity to invertebrates
Toxicity – Fish: Low toxicity to fish
Toxicity – Algae: Low toxicity to algae.
Toxicity – Sediment compartment: Not classified
Toxicity – Terrestrial compartment: Not classified.
12.2. Persistence and degradability
   Not known.

12.3. Bioaccumulative potential
   Not known.

12.4. Mobility in soil
   Not known.

12.5. Results of PBT and vPvB assessment
   Not known.

12.6. Other adverse effects
   Not known.

13. Disposal

13.1. Waste treatment methods
   Send to a licensed recycler, reclaimer or incinerator.
   Disposal should be in accordance with local, state or national legislation.

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

Safety, health and environmental regulations/legislation specific for the substance or mixture
European Regulations - Authorisations and/or Restrictions On Use

Candidate List of Substances of Very High Concern for Authorisation – Not listed

REACH: ANNEX XIV list of substances subject to authorisation – Not listed

REACH: Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles – Not listed

Community Rolling Action Plan (CoRAP) – Not listed


Regulation (EC) No 2037/2000 on substances that deplete the ozone layer

Regulation (EU) No 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals

National regulations

15.2. Chemical safety assessment

A REACH chemical safety assessment has not been carried out

16. Other Information

The following sections contain revisions or new statements:

Hazard Pictogram(s)

GHS05

GHS08: GHS: health hazard
GHS07: GHS: exclamation mark
Marks & Spencer Homecare Product
Ingredients and Safety Data Sheet

Product: 2 In 1 Laundry Liquid
Version: 1
Date: 18/07/2018

GHS09: GHS: fish and tree

Hazard classification
Acute Tox. 4: Acute toxicity, Category 4
Aquatic Acute 1: Hazardous to aquatic environment, Acute, Category 1
Aquatic Chronic 2: Hazardous to aquatic environment, Chronic, Category 2
Eye Dam. 1: Serious eye damage/irritation, Category 1
Eye Irrit. 2: Serious eye damage/irritation, Category 2
Eye Irrit. 2A: Serious eye damage/irritation, Category 2A
Resp. Sens. 1: Respiratory sensitization, Category 1
STOT RE 2: Specific target organ toxicity. Repeated exposure, Category 2
STOT SE 3_H335: Specific target organ toxicity. Single exposure, Category 3
Skin Irrit. 2: Skin corrosion/irritation, Category 2
Skin Sens. 1: Skin sensitization, Category 1

Hazard Statement(s)
H302: Harmful if swallowed.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.
H319: Causes serious eye irritation.
H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335: May cause respiratory irritation.
H373: May cause damage to organs through prolonged or repeated exposure.
H400: Very toxic to aquatic life.
H411: Toxic to aquatic life with long lasting effects.

Precautionary Statement(s)
P264: Wash hands thoroughly after handling.
P280: Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P302+P352: IF ON SKIN: Wash with plenty of water.
P310: Immediately call a POISON CENTER/doctor.
P321: Specific treatment (see advice on this label).
P332+P313: If skin irritation occurs: Get medical advice/attention.
P362+P364: Take off contaminated clothing and wash it before re-use.

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