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

**1.1 Product Name:** Bio White Laundry Liquid

**UPC:** 187442

**Series Number:**

* 1. **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. **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

* 1. **Emergency telephone number**

01342 870900

NPIS Ireland only 01 8092 166

+00 448 706 006 266 NHS Direct – 0845 4647 or 111

1. **Hazard Identification**

**2.1. Classification of the substance or mixture**

Regulation (EC) No. 1272/2008 (CLP) Eye Dam. 1. Causes serious eye damage

* 1. **Label elements**

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

Product Name: Bio White Laundry Liquid

Hazard Pictogram(s): GHS05

 

Signal Word(s): Danger

Hazard Statement(s): H318: Causes serious eye damage

 EUH208: Contains: benziosthiazolinone. 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.

* 1. **Other hazards**

None known

1. **Composition / Information on Ingredients**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Name | CAS No | EC No | Classification EC 1272/2008 | Function | Concentration in product (range) (%) |
| Aqua | 7732-18-5 | 231-791-2 | Not classified | Diluent  | 10+ |
| Sodium dodecylbenzenesulfonate | 68411-30-3 | 270-115-0 | Acute Tox 4H302 Skin Irrit. 2 H315 Eye Dam. 1 H318 | Anionic surfactant | 10+ |
| Sodium laureth sulfate | 68585-34-2 | 500-223-8 | Skin Irrit. 2 H315 Eye Irrit. 2 H319 | Anionic surfactant | 1-10 |
| Potassium cocoate | 61789-30-8 | 263-049-9 | Skin Irrit. 2 H315 Eye Irrit. 2 H319 | Soap | 1-10 |
| Propylene glycol | 57-55-6 | 200-338-0 | Not classified | Solvent | 1-10 |
| Alcohol ethoxylated | 68213-23-0 | 932-773-3 | Eye Dam. 1 H318 Eye Irrit. 2 H319 | Non-ionic surfactant | 1-10 |
| Alcohol ethoxylated propoxylated | 69227-22-1 | 614-942-0 | Acute Tox. 4 H302 Eye Dam. 1 H318 | Non-ionic surfactant | 1-10 |
| Alkylglucoside | 110615-47-9 | 600-975-8 | Skin Irrit. 2 H315 Eye Dam. 1 H318  | Non-ionic surfactant | 1-10 |
| Trisodium ethylenediamine disuccinate | 178949-82-1 | 605-842-8 | Not classified | Chelating agent | 1-10 |
| Sodium citrate | 6132-04-3 | 200-675-3 | Not classified | Chelating agent | 1-10 |
| Peg-8 glycerol isostearate | 68958-58-7 | 614-860-5 | Not classified | Performance additive | 1-10 |
| Fluorescent brightener 28 | 4193-55-9 | 224-073-5 | Not classified | Optical brightener | 1-10 |
| Diethanolamine | 111-42-2 | 203-868-0 | Acute Tox. 4 H302 Skin Irrit. 2 H315 Eye Dam. 1 H318 STOT RE 2 H373 GHS05 |  | 1-10 |
| Citric acid | 77-92-9 | 201-069-1 | Eye Irrit. 2A H319 | Acid | 0.1-1 |
| Parfum | N/A | N/A | Skin Irrit. 2 H315 Skin Sens. 1 H317 Eye Irrit. 2 H319 Aquatic Chronic 2 H411 | Fragrance | <0.1 |
| Benzisothiazolinone | 2634-33-5 | 220-120-9 | Acute Tox. 4 H302 Skin Irrit. 2 H315 Skin Sens. 1 H317 Eye Dam. 1 H318 Aquatic Acute 1 H400  | Preservative | <0.1 |
| Amylase | 9000-92-4 | 232-567-7 | Skin Irrit. 2 H315 Eye Irrit. 2 H319 Resp. Sens. 1 H334 STOT SE 3 H335 | Enzyme | <0.1 |
| Cellulase | 9012-548 | 232-734-4 | Resp. Sens. 1 H334 | Enzyme | <0.1 |
| Polygalacturonase | 9032-751  | 232-885-6 | Resp. Sens. 1 H334 | Enzyme | <0.1 |
| Subtilisin | 9014-011 | 232-752-2 | Skin Irrit. 2 H315 Eye Dam. 1 H318 Resp. Sens. 1 H334 STOT SE 3 H335  | Enzyme | <0.1 |
| Liquiting blue mc | N/A | N/A | Not classified | Colour | <0.1 |
| Liquitint bright yellow | N/A | N/A | Not classified | Colour | <0.1 |

Further Ingredient information is available here: <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**

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.

**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**



**9. Physical & Chemical Properties**

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

**Appearance**

 Liquid

 Green/clear

**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) N° 850/2004 of the European Parliament and of the Council on persistent organic pollutants

Regulation (EC) N° 2037/2000 on substances that deplete the ozone layer

Regulation (EU) N° 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 

GHSO8: GHS: health hazard

GHS07: GHS: exclamation mark

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. Reoeated 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 P264: Wash hands thoroughly after handling.

Statement(s) 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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