



Marks & Spencer Homecare Product Ingredients and Safety Data Sheet

Product: Bio 2 In 1 Laundry Gel

Version: 1

Date: 18/07/2018

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

1.1 Product Name: Bio 2 In 1 Laundry Gel

UPC: 187664

Series Number:

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



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1.3. Emergency telephone number

01342 870900

NPIS Ireland only 01 8092 166

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

2. Hazard Identification

2.1. Classification of the substance or mixture

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

2.2. Label elements

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

Product Name: Bio 2 In 1 Laundry Gel

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.



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2.3. Other hazards

None known

3. 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	6841-1-30-3	270-115-0	Acute Tox 4 H302 Skin Irrit. 2 H315 Eye Dam. 1 H318	Anionic surfactant	10+
Sodium Laureth Sulfate	6858-5-34-2	500-223-8	Skin Irrit. 2 H315 Eye Irrit. 2 H319	Anionic surfactant	1-10
Potassium Cocoate	6178-9-30-8	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	6821-3-23-0	932-773-3	Eye Dam. 1 H318 Eye Irrit. 2 H319	Non-ionic surfactant	1-10
Acrylates/Beheneth-25 Methacrylate Copolymer	N/A	N/A	Not classified	Thickener	1-10
Alcohol Ethoxylated Propoxylated	6922-7-22-1	614-942-0	Acute Tox. 4 H302 Eye Dam. 1 H318	Non-ionic surfactant	1-10
Alkylglucoside	1106-15-47-9	600-975-8	Skin Irrit. 2 H315 Eye Dam. 1 H318	Non-ionic surfactant	1-10
Trisodium Ethylenediamine Disuccinate	1789-49-82-1	605-842-8	Not classified	Chelating agent	1-10



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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
Plantatex LLE	N/A	N/A	Not classified	Softener	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
Parfum	N/A	N/A	Skin Irrit. 2 H315 Skin Sens. 1 H317 Eye Irrit. 2 H319 Aquatic Chronic 2 H411	Fragrance	0.1-1
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	0.1-1
Citric Acid	77-92-9	201-069-1	Eye Irrit. 2A H319	Acid	0.1-1
Liquitint pink al	N/A	N/A	Not classified	Colour	<0.1
Amylase	9000-92-4	232-567-7	Skin Irrit. 2 H315 Eye Irrit. 2 H319 Resp. Sens. 1	Enzyme	<0.1



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			H334 STOT SE 3 H335		
Cellulase	9012 -54-8	232- 734-4	Resp. Sens. 1 H334	Enzyme	<0.1
Subtilisin	9014 -01-1	232- 752-2	Skin Irrit. 2 H315 Eye Dam. 1 H318 Resp. Sens. 1 H334 STOT SE 3 H335	Enzyme	<0.1
Polygalacturonase	9032 -75-1	232- 885-6	Resp. Sens. 1 H334	Enzyme	<0.1
Liquitint blue mc	N/A	N/A	Not classified	Colour	<0.1
Liquitint red st	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



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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.



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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

Occupational Exposure Limits						
SUBSTANCE.	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m³)	STEL (ppm)	STEL (mg/m³)	Note
Propane-1,2-diol total vapour and particulates	57-55-6	150	474			
Propane-1,2-diol particulates	57-55-6		10			
Subtilisins	9014-01-1		4.0E-5			Sen (i)
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 BPN) 9014-01-1 (Bacillus subtilis Carlsberg)					

9. Physical & Chemical Properties

9.1. Information on basic physical and chemical properties



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Appearance

Liquid

Purple

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.



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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



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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)



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GHS05

GHS08: 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. 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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