

Marks & Spencer Homecare Products Ingredients and Safety Data Sheet



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

Product Name: Bio Whites Laundry Liquid

UPC: 29081110

Series Number:

2. Hazard Identification

2.1 Human:

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

Eye Dam. 1. Causes serious eye damage

Hazard Pictogram(s)



GHS05

Signal Word(s): Danger

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

EUH208: Contains: benzisothiazolinone. 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 is needed, have product container or label at hand.

2.2 Safety: None known.

2.3 Ecological: None known.

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3. Composition / Information On Ingredients

Ingredients	CAS/EINECS	% e.g. 10-20%	Hazard	Risk No.
Propane-1,2-diol	57-55-6 / 200-388-0	1 – 10	Not classified	Not classified
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3 / 270-115-0	1 – 10	Acute Tox. 4 H302 Skin Irrit. 2 H315 Eye Dam. 1 H318	GHS05
Alcohols, C12-18(even numbered), ethoxylated	68213-23-0 / 500-201-8	1 – 10	Eye Dam. 1 H318 Eye Irrit. 2 H319	GHS05
Alcohols, C10-16, ethoxylated, sulfates, sodium salts	68585-34-2 / 500-223-8	1 – 10	Skin Irrit. 2 H315 Eye Irrit. 2 H319	GHS07
Alcohols, C10-16, ethoxylated propoxylated	69227-22-1 / 614-942-0	1 – 10	Acute Tox. 4 H302 Eye Dam. 1 H318	GHS05 GHS07
1,2,3-Propanetricarboxylic acid, 2-hydroxy-, sodium salt, hydrate (1:3:2)	6132-04-3 / 612-118-5	1 – 10	Not classified	Not classified
Poly(oxy-1,2-ethanediyl), a-hydro-w-hydroxy-, ether with 1,2,3-propanetriol mono(16-methylheptadecanoate) (2:1)	68958-58-7 / 614-860-5	1 – 10	Not classified	Not classified
Fatty acids, coco, potassium salts	61789-30-8 / 263-049-9	1 – 10	Skin Irrit. 2 H315 Eye Irrit. 2 H319	GHS07

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D-Glucopyranose, oligomeric, C10-16(even numbered) alkyl glycosides	110615-47-9 / 600-975-8	1 – 10	Skin Irrit. 2 H315 Eye Dam. 1 H318	GHS05
2,2'-iminodiethanol diethanolamine	111-42-2 / 203-868-0	<1	Acute Tox. 4 H302 Skin Irrit. 2 H315 Eye Dam. 1 H318 STOT RE 2 H373	GHS05 GHS08
L-Aspartic acid, N,N'-1,2-ethanediylbis-, sodium salt (1:3)	178949-82-1 / 605-842-8	<1	Not classified	Not classified
D-Glucopyranose, oligomeric, C8-10 glycosides	68515-73-1 / 500-220-1	<1	Eye Dam. 1 H318	GHS05
Fragrance		<1	Skin Irrit. 2 H315 Skin Sens. 1 H317 Eye Irrit. 2 H319 Aquatic Chronic 2 H411	GHS07 GHS09
Citric acid	77-92-9 / 201-069-1	<1	Eye Irrit. 2A H319	GHS07
1,2-benzisothiazol-3(H)-one 1,2-benzisothiazolin-3-one	2634-33-5 / 220-120-9	<1	Acute Tox. 4 H302 Skin Irrit. 2 H315 Skin Sens. 1 H317 Eye Dam. 1 H318 Aquatic Acute 1 H400	GHS05 GHS09

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Amylase	9000-92-4 / 232-567-7	<1	Skin Irrit. 2 H315 Eye Irrit. 2 H319 Resp. Sens. 1 H334 STOT SE 3 H335	GHS08 GHS07
Cellulase	9012-54-8 / 232-734-4	<1	Resp. Sens. 1 H334	GHS08
Subtilisin	9014-01-1 / 232-752-2	<1	Skin Irrit. 2 H315 Eye Dam. 1 H318 Resp. Sens. 1 H334 STOT SE 3 H335	GHS05 GHS08
Polygalacturonase	9032-75-1 / 232-885-6	<1	Resp. Sens. 1 H334	GHS08

4. First Aid Measures

Ingestion:

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.

Inhalation:

Treat symptomatically.

Most important symptoms and effects, both acute and delayed:

Causes burns.

Indication of any immediate medical attention and special treatment needed:

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

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5. Fire Fighting Measures

Suitable Extinguishing Media:

As appropriate for surrounding fire.

Unsuitable Extinguishing Media:

None.

Special hazards arising from the substance or mixture:

May decompose in a fire, giving off toxic and irritant vapours.

Advice for firefighters:

As appropriate for surrounding fire.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

Provide adequate ventilation. Wear suitable protective clothing, gloves and eye/face protection.

Environmental precautions:

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

Methods and material for containment and cleaning up:

Absorb spillages onto sand, earth or any suitable adsorbent material. Use vacuum equipment for collecting spilt materials, where practicable.

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.

8. Exposure Controls & Personal Protection

8.1 Occupational Exposure Limits:

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Occupational Exposure Limits						
SUBSTANCE.	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m ³)	STEL (ppm)	STEL (mg/m ³)	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)					

8.2 Exposure controls

8.2.1 Appropriate engineering controls:

Ensure adequate ventilation. A washing facility/water for eye and skin cleaning purposes should be present.

8.2.2 Personal protection equipment:

Hand protection:

Not normally required for domestic use. Wear protective gloves: Impervious gloves (EN 374).

Skin Protection:

Not normally required for domestic use. Wear protective clothing.

Eye protection:

Not normally required for domestic use. Wear eye protection with side protection (EN166).

Respiratory:

Normally no personal respiratory protection is necessary.

General Information:

Ensure adequate ventilation. Thermal hazards – None known.

8.2.3 Environmental Exposure Controls:

Avoid release to the environment.

9. Physical & Chemical Properties

Appearance: Liquid

Colour: Green / clear

Odour: Characteristic

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pH: 8 - 10

Solubility(ies): Soluble in water

Viscosity: 50 - 200

Specific Gravity: 1.020 – 1.060

10. Stability & Reactivity

Reactivity:

None anticipated.

Chemical Stability:

Stable under normal conditions.

Possibility of hazardous reactions:

No hazardous reactions known if used for its intended purpose.

Conditions to avoid:

None anticipated.

Incompatible materials:

Not known.

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

Acute toxicity – Skin Contact: Not classified.

Acute toxicity – Inhalation: Not classified.

Skin corrosion/irritation: Not classified.

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

Skin sensitization data: Not classified.

Respiratory sensitization data: Not classified.

Germ cell mutagenicity: Not classified.

Carcinogenicity: Not classified.

Reproductive toxicity: Not classified.

Lactation: Not classified.

STOT – single exposure: Not classified.

STOT – repeated exposure: Not classified.

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Aspiration hazard: Not classified.
Other information: Not known.

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 Degradation: 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.

13.2 Additional Information:

Disposal should be in accordance with local, state or national legislation.

14. Transport Information

Not classified as hazardous for transport.

15. Regulatory Information

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

European Regulations – Authorisations and/or Restrictions On Use

Candidate List of Substance of Very High Concern for Authorisation:

Not listed.

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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. 850/2004 of the European Parliament and of the Council on persistent organic pollutants:
Not listed.

Regulation (EC) No. 2037/2000 on substances that deplete the ozone layer:
Not listed.

Regulation (EU) No. 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals:
Not listed.

National regulations Other:
Not known.

16. Other Information

The following sections contain revisions or new statements:

Hazard Pictogram(s):



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

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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 before reuse.

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