

# 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:** 187442

**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 away from 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	H302 H315 H318 GHS05
Alcohols, C12-18(even numbered), ethoxylated	68213-23-0 / 500-201-8	1 – 10	Eye Dam. 1 H318 Eye Irrit. 2 H319	H318 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	H315 H319 GHS07
Alcohols, C10-16, ethoxylated propoxylated	69227-22-1 / 614-942-0	1 – 10	Acute Tox. 4 H302 Eye Dam. 1 H318	H302 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-	68958-58-7 / 614-860-5	1 – 10	Not classified	Not classified

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methylheptadecanoate) (2:1)				
Fatty acids, coco, potassium salts	61789-30-8 / 263-049-9	1 – 10	Skin Irrit. 2 H315  Eye Irrit. 2 H319	H315  H319  GHS07
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	H315  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	H302  H315  H318  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	H318  GHS05
Fragrance		<1	Skin Irrit. 2 H315  Skin Sens. 1 H317  Eye Irrit. 2 H319  Aquatic Chronic 2 H411	H315  H317  H319  H411  GHS07  GHS09
Citric acid	77-92-9 / 201- 069-1	<1	Eye Irrit. 2A H319	H319

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				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	H302  H315  H317  H318  H400  GHS05  GHS09
Amylase	9000-92-4 / 232-567-7	<1	Skin Irrit. 2 H315  Eye Irrit. 2 H319  Resp. Sens. 1 H334  STOT SE 3 H335	H315  H319  H334  H335  GHS08  GHS07
Cellulase	9012-54-8 / 232-734-4	<1	Resp. Sens. 1 H334	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	H315  H318  H334  H335  GHS05  GHS08
Polygalacturonase	9032-75-1 / 232-885-6	<1	Resp. Sens. 1 H334	H334  GHS08

## 4. First Aid Measures

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**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.

## 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:**

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

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**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:**

Occupational Exposure Limits					
SUBSTANCE.	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m³)	STEL (ppm)	STEL (mg/m³)
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		
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:**

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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

**pH:** 8 - 10

**Solubility(ies):** Soluble in water

**Viscosity:** 50 - 200

**Specific Gravity:** 1.020 – 1.070

## 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.

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**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.

**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.

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## 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.

#### 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.

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## 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

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.

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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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