

Marks & Spencer Homecare Products Ingredients and Safety Data Sheet

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

Product Name: M&S Whites Bio Supergel 630ml

UPC: M00886307S

Series Number: 1

2. Hazard Identification

Classification of the substance or mixture

In compliance with EC regulation No. 1272/2008 and its amendments.

Serious eye damage, Category 1 (Eye Dam. 1, H318).

May produce an allergic reaction (EUH208).

Hazardous to the aquatic environment - Chronic hazard, Category 3 (Aquatic Chronic 3, H412).

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

Label elements

Detergent mixture (see section 15).

In compliance with EC regulation No. 1272/2008 and its amendments.

Hazard pictograms :

GHS05

Signal Word :

DANGER

Product identifiers :

EC 287-335-8

BENZENESULFONIC ACID, MONO-C10-13-ALKYL DERIVS., COMPDS. WITH ETHANOLAMINE (MEA-DODECYLBENZENESULFONATE)

EC 500-234-8

ALCOHOLS, C12-14, ETHOXYLATED, SULFATES, SODIUM SALTS (>1 <2.5 MOL EO) (SODIUM LAURETH/PARETH SULFATE)

CAS 68002-97-1

ALCOHOLS, C10-18, ETHOXYLATED (7 MOL EO) (LAURETH-10)

Additional labeling :

EUH208

Contains HEXYL SALICYLATE. May produce an allergic reaction.

EUH208

Contains TETRAMETHYL ACETYLOCTAHYDRONAPHTHALENES. May produce an allergic reaction.

Hazard statements :

H318

Causes serious eye damage.

H412

Harmful to aquatic life with long lasting effects.

Precautionary statements - General :

P101

If medical advice is needed, have product container or label at hand.

P102

Keep out of reach of children.

P103

Read label before use.

Precautionary statements - Prevention :

P273

Avoid release to the environment.

P280

Wear protective gloves/eye protection.

Precautionary statements - Response :

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

P310 Immediately call a POISON CENTER/doctor/...

Precautionary statements - Disposal :

P501 Dispose of contents/container in accordance with local requirements for domestic waste disposal.

Other hazards

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) \geq 0.1% published by the European CHemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>

The mixture satisfies neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

3. Composition / Information On Ingredients

| Identification | (EC) 1272/2008 | Note | % |
|--|---|------|---------------------|
| INDEX: 1001899 CAS: 85480-55-3 EC: 287-335-8 BENZENESULFONIC ACID, MONO-C10-13-ALKYL DERIVS., COMPDS. WITH ETHANOLAMINE (MEA- DODECYLBENZENESULFONATE) | GHS07, GHS05 Dgr Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412 | | 10 \leq x % < 25 |
| INDEX: 1001548 CAS: 68891-38-3 EC: 500-234-8 REACH: 01-2119488639-16- ALCOHOLS, C12-14, ETHOXYLATED, SULFATES, SODIUM SALTS (>1 <2.5 MOL EO) (SODIUM LAURETH/PARETH SULFATE) | GHS05 Dgr Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412 | | 10 \leq x % < 25 |
| INDEX: 1001891 CAS: 68002-97-1 ALCOHOLS, C10-18, ETHOXYLATED (7 MOL EO) (LAURETH-10) | GHS07, GHS05 Dgr Acute Tox. 4, H302 Eye Dam. 1, H318 Aquatic Chronic 3, H412 | | 2.5 \leq x % < 10 |
| INDEX: E422 CAS: 56-81-5 EC: 200-289-5 GLYCEROL | | [1] | 2.5 \leq x % < 10 |
| INDEX: I6259_76_3 CAS: 6259-76-3 EC: 228-408-6 REACH: 01-2119638275-36- HEXYL SALICYLATE | GHS07, GHS09 Wng Eye Irrit. 2, H319 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1 | | 0 \leq x % < 2.5 |
| INDEX: I54464_57_2 CAS: 54464-57-2 | GHS07, GHS09 Wng | | 0 \leq x % < 2.5 |

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| | | | |
|--|---|--|----------------|
| EC: 259-174-3 REACH: 01-2119489989-04- TETRAMETHYL ACETYLOCTAHYDRONAPHTHALENES | Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1 | | |
| INDEX: 1001545 CAS: 68439-50-9 EC: 500-213-3 ALCOHOLS, C12-14, ETHOXYLATED (>1 <2.5 MOL EO) | GHS07, GHS05, GHS09 Dgr Acute Tox. 4, H302 Eye Dam. 1, H318 Aquatic Acute 1, H400 M Acute = 1 | | 0 <= x % < 2.5 |

Information on ingredients :

[1] Substance for which maximum workplace exposure limits are available.

4. First Aid Measures

As a general rule, in case of doubt or if symptoms persist, always call a doctor.
NEVER induce swallowing by an unconscious person.

Description of first aid measures

In the event of exposure by inhalation :

In the event of an allergic reaction, seek medical attention.

In the event of splashes or contact with eyes :

Wash thoroughly with fresh, clean water for 15 minutes holding the eyelids open.

Regardless of the initial state, refer the patient to an ophthalmologist and show him the label.

In the event of splashes or contact with skin :

In the event of an allergic reaction, seek medical attention.

In the event of swallowing :

Seek medical attention, showing the label.

Most important symptoms and effects, both acute and delayed

No data available.

Indication of any immediate medical attention and special treatment needed

No data available.

5. Fire Fighting Measures

Non-flammable.

Extinguishing media

Special hazards arising from the substance or mixture

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)
- carbon dioxide (CO₂)
- phosgene (CCl₂O)
- chlorine (Cl₂)

Advice for firefighters

No data available.

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6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Consult the safety measures listed under headings 7 and 8.

For non first aid worker

Avoid any contact with the skin and eyes.

For first aid worker

First aid workers will be equipped with suitable personal protective equipment

Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

Methods and material for containment and cleaning up

Neutralise with an acidic decontaminant.

Clean preferably with a detergent, do not use solvents.

Reference to other sections

No data available.

7. Handling & Storage

Requirements relating to storage premises apply to all facilities where the mixture is handled.

Precautions for safe handling

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

Emergency showers and eye wash stations will be required in facilities where the mixture is handled constantly.

Fire prevention :

Prevent access by unauthorised personnel.

Recommended equipment and procedures :

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

Avoid eye contact with this mixture at all times.

Prohibited equipment and procedures :

No smoking, eating or drinking in areas where the mixture is used.

Conditions for safe storage, including any incompatibilities

No data available.

Storage

Keep out of reach of children.

Packaging

Always keep in packaging made of an identical material to the original.

Specific end use(s)

No data available.

8. Exposure Controls & Personal Protection

Control parameters

Occupational exposure limits :

- ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values, 2010) :

| CAS | TWA : | STEL : | Ceiling : | Definition : | Criteria : |
|---------|----------------------|--------|-----------|--------------|------------|
| 56-81-5 | 10 mg/m ³ | - | - | - | - |

- France (INRS - ED984 :2008) :

| CAS | VME-ppm : | VME-mg/m ³ : | VLE-ppm : | VLE-mg/m ³ : | Notes : | TMP No : |
|-----|-----------|-------------------------|-----------|-------------------------|---------|----------|
|-----|-----------|-------------------------|-----------|-------------------------|---------|----------|

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| | | | | | | |
|---|----------|--------|-----------|--------------|------------|---|
| 56-81-5 | - | 10 | - | - | - | - |
| - UK / WEL (Workplace exposure limits, EH40/2005, 2007) : | | | | | | |
| CAS | TWA : | STEL : | Ceiling : | Definition : | Criteria : | |
| 56-81-5 | 10 mg/m3 | - | - | - | - | |

Exposure controls

Personal protection measures, such as personal protective equipment

Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using.

Ensure that there is adequate ventilation, especially in confined areas.

- Eye / face protection

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles with protective sides accordance with standard EN166.

In the event of high danger, protect the face with a face shield.

Prescription glasses are not considered as protection.

Individuals wearing contact lenses should wear prescription glasses during work where they may be exposed to irritant vapours.

Provide eyewash stations in facilities where the product is handled constantly.

- Hand protection

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374.

Gloves must be selected according to the application and duration of use at the workstation.

Protective gloves need to be selected according to their suitability for the workstation in question :

other chemical products that may be

handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

Recommended properties :

- Impervious gloves in accordance with standard EN374

- Body protection

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

9. Physical & Chemical Properties

Information on basic physical and chemical properties

General information :

Physical state :

Viscous liquid.

Odour threshold :

NOT SPECIFIED

Apparent bulk density (Packed) :

N/A

Apparent bulk density (Loose packed) :

N/A

Important health, safety and environmental information

pH (aqueous solution) :

8.7+/-1.0(20°C)

pH :

Not stated.

Slightly basic.

Boiling point/boiling range :

Not relevant.

Flash point interval :

Not relevant.

Flammability (solid, gas) :

N/A

Explosive properties, lower explosivity limit (%) :

N/A

Explosive properties, upper explosivity limit (%) :

N/A

Oxidising properties :

N/A

Vapour pressure (50°C) :

Not relevant.

Vapour density :

NOT SPECIFIED

Density :

1.080+/-0.010(20°C)

Water solubility :

Soluble. NOT SPECIFIED

Fat solubility :

N/A

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| | |
|---|-----------------------|
| Partition coefficient: n-octanol/water : | N/A |
| Viscosity : | 4000-12000 mPas(20°C) |
| Evaporation rate : | N/A |
| Melting point/melting range : | Not relevant. |
| Self-ignition temperature : | Not relevant. |
| Decomposition point/decomposition range : | Not relevant. |
| Colour : | Characteristic |
| Odour : | Characteristic |

10. Stability & Reactivity

Reactivity

No data available.

Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

Possibility of hazardous reactions

No data available.

Conditions to avoid

Avoid :

- frost

Incompatible materials

Hazardous decomposition products

The thermal decomposition may release/form :

- carbon monoxide (CO)
- carbon dioxide (CO₂)
- phosgene (CCl₂O)
- chlorine (Cl₂)

11. Toxicological Information

Information on toxicological effects

May have irreversible effects on the eyes, such as tissue damage in the eye, or serious physical decay of sight, which is not fully reversible by the end of observation at 21 days.

Serious eye damage is typified by the destruction of cornea, persistent corneal opacity and iritis.

Substances

Acute toxicity :

ALCOHOLS, C10-18, ETHOXYLATED (7 MOL EO) (LAURETH-10) (CAS: 68002-97-1)

Oral route : LD50 = 1642 mg/kg

BENZENESULFONIC ACID, MONO-C10-13-ALKYL DERIVS., COMPDS. WITH ETHANOLAMINE (MEA-DODECYLBENZENESULFONATE) (CAS: 85480-55-3)

Oral route : LD50 = 1100 mg/kg

Mixture

Skin corrosion/skin irritation :

Guideline: Expert Judgement CLP Bridging Principles

Results: Mixture is not classified by bridging of test data on similar formulations.

Respiratory or skin sensitisation :

Contains at least one sensitising substance. May cause an allergic reaction.

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12. Ecological Information

Harmful to aquatic life with long lasting effects.

The product must not be allowed to run into drains or waterways.

Toxicity

Mixtures

No aquatic toxicity data available for the mixture.

Persistence and degradability

No data available.

Bioaccumulative potential

No data available.

Mobility in soil

No data available.

Results of PBT and vPvB assessment

No data available.

Other adverse effects

No data available.

13. Disposal

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

Waste treatment methods

Do not pour into drains or waterways.

Waste :

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging :

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

14. Transport Information

Exempt from transport classification and labelling.

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2015 - IMDG 2014 - ICAO/IATA 2015).

15. Regulatory Information

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

- Classification and labelling information included in section 2:

The following regulations have been used:

- EU Regulation No. 1272/2008 amended by EU Regulation No. 487/2013.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 758/2013.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 944/2013.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 605/2014.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 1297/2014.

- Container information:

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No data available.

- Particular provisions :

No data available.

- Labelling for detergents (EC Regulation No. 648/2004,907/2006) :

- allergenic fragrances :

butylphenyl methylpropional

Chemical safety assessment

No data available.

16. Other Information

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

Wording of the phrases mentioned in section 3 :

| | |
|------|---|
| 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. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects. |

Abbreviations :

ADR : European agreement concerning the international carriage of dangerous goods by Road.

IMDG : International Maritime Dangerous Goods.

IATA : International Air Transport Association.

ICAO : International Civil Aviation Organisation

RID : Regulations concerning the International carriage of Dangerous goods by rail.

WGK : Wassergefährdungsklasse (Water Hazard Class).

GHS05 : Corrosion

PBT: Persistent, bioaccumulable and toxic.

vPvB : Very persistent, very bioaccumulable.

SVHC : Substances of very high concern.

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