

# 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 Liquid 630ml

**UPC:** M00886321S

**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.

#### In compliance with directives 67/548/EEC, 1999/45/EC and their amendments.

Serious eye damage (Xi, R 41).

May produce an allergic reaction.

Aquatic environmental hazard, chronic toxicity: harmful (R 52/53).

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.

Signal Word :

DANGER

Product identifiers :

MEA-DODECYLBENZENESULFONATE

C13-15 PARETH-8

Additional labeling :

EUH208 Contains TETRAMETHYL ACETYLOCTAHYDRONAPHTALENES. May produce an allergic reaction.

EUH208 Contains HEXYL SALICYLATE. 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 eye protection.

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Precautionary statements - Response :

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 or doctor/physician.

Precautionary statements - Disposal :

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

#### Other hazards

The mixture does not contain any substances classified as 'Substances of Very High Concern' (SVHC) 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

#### Mixtures

##### Composition :

Identification	(EC) 1272/2008	67/548/EEC	Note	%
INDEX: 1001899 CAS: 85480-55-3 EC: 287-335-8  MEA- DODECYLBENZENESULFONATE	GHS07, GHS05 Dgr Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412	Xn Xn;R22 Xi;R41-R38 R52/53		10 <= x % < 25
INDEX: 1001664 CAS: 68213-23-0  ALCOHOLS, C13-15, ETHOXYLATED (8 MOL EO)	GHS07, GHS05 Dgr Acute Tox. 4, H302 Eye Dam. 1, H318 Aquatic Chronic 3, H412	Xn Xn;R22 Xi;R41 R52/53		2.5 <= x % < 10
INDEX: 603-002-00-5 CAS: 64-17-5 EC: 200-578-6 REACH: 01-2119457610-43-  ETHANOL	GHS02 Dgr Flam. Liq. 2, H225	F F;R11	[1]	0 <= x % < 2.5
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	Xi,N Xi;R38-R43 N;R50/53		0 <= x % < 2.5
INDEX: I54464_57_2 CAS: 54464-57-2 EC: 259-174-3 REACH: 01-2119489989-04-  OTNE [1-(1,2,3,4,5,6,7,8- OCTAHYDRO-2,3,8,8- TETRAMETHYL-2- NAPHTALENYL)-ETHANONE	GHS07, GHS09 Wng Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1	Xi,N Xi;R38-R43 N;R51/53		0 <= x % < 2.5

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**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 soft, 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 :**

Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognised cleaner.

Watch out for any remaining product between skin and clothing, watches, shoes, etc.

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

If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital.

**In the event of swallowing :**

Do not give the patient anything orally.

In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor.

Seek medical attention immediately, 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.

**Specific and immediate treatment :**

Information for the doctor :

## 5. Fire Fighting Measures

Non-flammable.

**5.1. Extinguishing media****Suitable methods of extinction**

In the event of a fire, use :

**Unsuitable methods of extinction**

In the event of a fire, do not use :

**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 (CO<sub>2</sub>)

**Advice for firefighters**

No data available.

## 6. Accidental Release Measures

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### **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 (See section 8).

#### **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.

If the ground is contaminated, once the product has been recovered by sponging with an inert and non-combustible absorbent material, wash the contaminated area in plenty of water.

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.

Recommended types of packaging :

Suitable packaging materials :

Unsuitable packaging materials :

#### **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 :
64-17-5	1000 ppm	-	-	-	-

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- Germany - AGW (BAuA - TRGS 900, 21/06/2010) :

CAS	VME :	VME :	Excess	Notes
64-17-5	500 ml/m3	960 mg/m3	2(II)	DFG. Y

- France (INRS - ED984 :2008) :

CAS	VME-ppm :	VME-mg/m3 :	VLE-ppm :	VLE-mg/m3 :	Notes : TMP No :
64-17-5	1000	1900	5000	9500	- 84

- UK / WEL (Workplace exposure limits, EH40/2005, 2007) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
64-17-5	1000 ppm	-	-	-	-

#### **Biological limits :**

**Derived no effect level (DNEL) or derived minimum effect level (DMEL):**

**Predicted no effect concentration (PNEC):**

### **8.2. Exposure controls**

#### **Suitable technical inspections**

#### **Personal protection measures, such as personal protective equipment**

Pictogram(s) indicating the obligation of wearing personal protective equipment (PPE) :

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.

Type of gloves recommended :

Recommended properties :

- Impervious gloves in accordance with standard EN374

#### **- Body protection**

Avoid skin contact.

Wear suitable protective clothing.

Suitable type of protective clothing :

In the event of substantial spatter, wear liquid-tight protective clothing against chemical risks (type 3) in accordance with EN14605 to prevent skin contact.

In the event of a risk of splashing, wear protective clothing against chemical risks (type 6) in accordance with EN13034 to prevent skin contact.

Suitable type of protective boots :

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.

#### **- Respiratory protection**

Type of FFP mask :

Category :

Type of mask with combined filters :

Type of powered air-purifying respirator :

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Anti-gas and vapour filter(s) (Combined filters) in accordance with standard EN14387 :  
Particle filter according to standard EN143 :  
Independent breathing apparatus for respiratory protection :

**- Thermal risks**

**Exposure controls linked to environmental protection**

## 9. Physical & Chemical Properties

### Information on basic physical and chemical properties

#### General information :

Physical state : Fluid liquid.

#### Important health, safety and environmental information

pH : Not stated.

Slightly basic.

pH (aqueous solution) : 8.4+/-1.0(20°C)

Boiling point/boiling range : Not specified.

Flash point interval : Not relevant.

Vapour pressure (50°C) : Not relevant.

Density : 1.020+/-0.010(20°C)

Method for determining the density :

Water solubility : Soluble.

Method for determining the water solubility :

Viscosity : 50-350 mPas(20°C)

Method for determining the viscosity :

Melting point/melting range : Not specified.

Self-ignition temperature : Not specified.

Decomposition point/decomposition range : Not specified.

#### Other information

No data available.

## 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

Keep away from :

### Hazardous decomposition products

The thermal decomposition may release/form :

- carbon monoxide (CO)

- carbon dioxide (CO<sub>2</sub>)

## 11. Toxicological Information

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### **Information on toxicological effects**

May cause irreversible damage to the skin; namely inflammation of the skin or the formation of erythema and eschar or oedema following exposure up to four hours.

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, C13-15, ETHOXYLATED (8 MOL EO) (CAS: 68213-23-0)

Oral route : LD50 = 1100 mg/kg

MEA-DODECYLBENZENESULFONATE (CAS: 85480-55-3)

Oral route : LD50 = 1100 mg/kg

##### **Skin corrosion/skin irritation :**

##### **Serious damage to eyes/eye irritation :**

##### **Respiratory or skin sensitisation :**

##### **Germ cell mutagenicity :**

##### **Carcinogenicity :**

##### **Reproductive toxicant :**

##### **Specific target organ systemic toxicity - single exposure :**

##### **Specific target organ systemic toxicity - repeated exposure :**

##### **Aspiration hazard :**

#### **Mixture**

Episkin OCDE 439 test confirms that the mixture is neither corrosive nor irritant.

##### **Acute toxicity :**

##### **Skin corrosion/skin irritation :**

##### **Serious damage to eyes/eye irritation :**

##### **Respiratory or skin sensitisation :**

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

##### **Germ cell mutagenicity :**

##### **Carcinogenicity :**

##### **Reproductive toxicant :**

##### **Specific target organ systemic toxicity - single exposure :**

##### **Specific target organ systemic toxicity - repeated exposure :**

##### **Aspiration hazard :**

##### **Symptoms related to the physical, chemical and toxicological characteristics**

##### **Delayed and immediate effects as well as chronic effects from short and long-term exposure**

##### **Interactive effects**

##### **Absence of specific data**

##### **Mixture versus substance information**

##### **Other information**

## **12. Ecological Information**

Harmful to aquatic life with long lasting effects.

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

#### **Toxicity**

##### **Substances**

##### **Mixtures**

No aquatic toxicity data available for the mixture.

##### **Persistence and degradability**

No data available.

##### **Substances**

##### **Mixtures**

##### **Bioaccumulative potential**

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No data available.

**Substances**

**Mixtures**

**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.

**Local arrangements :**

**Codes of wastes (Decision 2001/573/EC, Directive 2006/12/EEC, Directive 94/31/EEC on hazardous waste) :**

## 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 2013 - IMDG 2012 - ICAO/IATA 2014).

## 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:**

- Directive 67/548/EEC and its adaptations
- Directive 1999/45/EC and its adaptations
- Regulation EC 1272/2008 modified by regulation EC 618/2012
- EU Regulation No. 1272/2008 amended by EU Regulation No. 758/2013.

**- Container information:**

No data available.

**- Particular provisions :**

No data available.

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

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**Substances that deplete the ozone layer (EC Regulation No. 1005/2009, Montreal Protocol) :**  
CAS Substance Group Formula Category ODP  
**- Standardised American system for the identification of hazards presented by the product in view of emergency procedures (NFPA 704) :**  
**- Swiss ordinance on the incentive tax on volatile organic compounds :**  
**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.

### **Title for H, EUH and R indications mentioned in section 3 :**

H225	Highly flammable liquid and vapour.
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.
R 11	Highly flammable.
R 22	Harmful if swallowed.
R 38	Irritating to skin.
R 41	Risk of serious damage to eyes.
R 43	May cause sensitisation by skin contact.
R 50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R 51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R 52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### **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

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