

# Marks & Spencer Homecare Products Ingredients and Safety Data Sheet

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

**Product Name:** M&S 2 in 1 Bio Liquid 630ml

**UPC:** M00886222S

**Series Number:** 1

## 2. Hazard Identification

### Classification of the substance or mixture

DetNet Classification Logging Number : DetNet/606

### 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).

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

This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

### 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)

CAS 68213-23-0

ALCOHOLS, C13-15, ETHOXYLATED (8 MOL EO) (C13-15 PARETH-8)

Additional labeling :

EUH208 Contains DELTA-DAMASCONE. May produce an allergic reaction.

Hazard statements :

H318 Causes serious eye damage.

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 :

P280 Wear protective gloves/eye protection.

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/doctor/...

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#### 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

#### Mixtures

##### Composition :

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: 1001664 CAS: 68213-23-0 ALCOHOLS, C13-15, ETHOXYLATED (8 MOL EO) (C13-15 PARETH-8)	GHS07, GHS05 Dgr Acute Tox. 4, H302 Eye Dam. 1, H318 Aquatic Chronic 3, H412		$2.5 \leq x \% < 10$
INDEX: 603_002_00_5 CAS: 64-17-5 EC: 200-578-6 REACH: 01-2119457610-43- ETHANOL	GHS07, GHS02 Dgr Flam. Liq. 2, H225 Eye Irrit. 2, H319	[1]	$0 \leq x \% < 2.5$
INDEX: I57378_68_4 CAS: 57378-68-4 EC: 260-709-8 REACH: 01-2119535122-53- DELTA-DAMASCONE	GHS07, GHS09 Wng Acute Tox. 4, H302 Skin Irrit. 2, H315 Skin Sens. 1A, H317 Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1		$0 \leq x \% < 2.5$

#### 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.

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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 (CO<sub>2</sub>)

**Advice for firefighters**

No data available.

## 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 (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.

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.

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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 :
64-17-5	1000 ppm	-	-	-	-

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

CAS	VME :	VME :	Excess	Notes
64-17-5	500 ml/m <sup>3</sup>	960 mg/m <sup>3</sup>	2(II)	DFG. Y

- France (INRS - ED984 :2008) :

CAS	VME-ppm :	VME-mg/m <sup>3</sup> :	VLE-ppm :	VLE-mg/m <sup>3</sup> :	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	-	-	-	-

**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**

Wear suitable protective gloves in the event of prolonged or repeated skin contact.

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

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### - 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 :	Fluid 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) :	8.4+/-1.0 (20%)
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 :	1.020+/-0.010 (20°C)
Water solubility :	Soluble. Not specified
Fat solubility :	N/A
Partition coefficient: n-octanol/water :	N/A
Viscosity :	50-350 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

#### 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

### Hazardous decomposition products

The thermal decomposition may release/form :

- carbon monoxide (CO)

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

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## 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 :

DELTA-DAMASCONE (CAS: 57378-68-4)

Oral route : LD50 = 1400 mg/kg

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

Oral route : LD50 = 1100 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 :

Formulation Bridged to similar formulations:

Guideline: Other AISE DetNet

Results: Mixture is not classified by bridging of test data on similar formulations. In accordance with Annex 1 paragraph 1.1.0 of Classification Labelling and Packaging of substances and mixtures Regulations (EC) No 1272/2008, this formulation has been compared using expert judgement to Industry Shared Mixtures (AISE DetNet) .

#### Respiratory or skin sensitisation :

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

#### Monograph(s) from the IARC (International Agency for Research on Cancer) :

CAS 64-17-5 : IARC Group 1 : The agent is carcinogenic to humans.

## 12. Ecological Information

### Toxicity

#### Substances

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

Fish toxicity : Duration of exposure : 96 h

#### Mixtures

No aquatic toxicity data available for the mixture.

#### Persistence and degradability

##### Substances

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

Biodegradability : no degradability data is available, the substance is considered as not degrading quickly.

#### 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.

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## 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:**

No data available.

#### **- Particular provisions :**

No data available.

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

- allergenic fragrances :

hexyl cinnamal

benzyl salicylate

linalool

coumarin

#### **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.

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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 :**

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.

**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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