

# Marks & Spencer Homecare Products Ingredients and Safety Data Sheet

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

**Product Name:** M&S Colours Bio Sachets 294ml e (12 x 24.5ml)

**UPC:** M00037969S

**Series Number:** 1

## 2. Hazard Identification

### Classification of the substance or mixture

DetNet Classification Logging Number : DetNet/278

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

Skin irritation, Category 2 (Skin Irrit. 2, H315).

Eye irritation, Category 2 (Eye Irrit. 2, H319).

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.

Acute oral toxicity: harmful (Xn, R 22).

Skin irritation (Xi, R 38).

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.

GHS07

Signal Word :

WARNING

Additional labeling :

EUH208 Contains SUBTILISIN. May produce an allergic reaction.

Hazard statements :

H315 Causes skin irritation.

H319 Causes serious eye irritation.

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 :

P264 Wash hands thoroughly after handling.

P273 Avoid release to the environment.

Precautionary statements - Response :

P302 + P352 IF ON SKIN: Wash with plenty of water/...

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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.  
 P332 + P313 If skin irritation occurs: Get medical advice/attention.  
 P337 + P313 If eye irritation persists: Get medical advice/attention.  
 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) >= 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	67/548/EEC	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	Xn Xn;R22 Xi;R41-R38 R52/53		25 <= x % < 50
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	Xn Xn;R22 Xi;R41 R52/53		10 <= x % < 25
INDEX: E422 CAS: 56-81-5 EC: 200-289-5  GLYCEROL			[1]	2.5 <= x % < 10
INDEX: 647-012-00-8 CAS: 9014-01-1 EC: 232-752-2 REACH: 01-2119480434-38-  SUBTILISIN	GHS08, GHS05, GHS07 Dgr STOT SE 3, H335 Skin Irrit. 2, H315 Eye Dam. 1, H318 Resp. Sens. 1, H334	Xn Xn;R42 Xi;R37/38-R41	[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 :

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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.

If there is any redness, pain or visual impairment, consult an ophthalmologist.

**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.

Keep the person exposed at rest. Do not force vomiting.

Seek medical attention immediately, showing the label.

If swallowed accidentally, call a doctor to ascertain whether observation and hospital care will be necessary. Show 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**

**Suitable methods of extinction**

In the event of a fire, use :

- sprayed water or water mist

**Unsuitable methods of extinction**

In the event of a fire, do not use :

- water jet

**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>)

- phosgene (CCl<sub>2</sub>O)

- chlorine (Cl<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**

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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**

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.

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

#### **Fire prevention :**

Handle in well-ventilated areas.

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 skin and eye contact with this mixture.

Packages which have been opened must be reclosed carefully and stored in an upright position.

#### **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.

Keep the container tightly closed in a dry, well-ventilated place.

The floor must be impermeable and form a collecting basin so that, in the event of an accidental spillage, the liquid cannot spread beyond this area.

#### **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 <sup>3</sup>	-	-	-	-

- France (INRS - ED984 :2008) :

CAS	VME-ppm :	VME-mg/m <sup>3</sup> :	VLE-ppm :	VLE-mg/m <sup>3</sup> :	Notes :	TMP No :
56-81-5	-	10	-	-	-	-

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

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

9014-01-1	0.04 Åg/m <sup>3</sup>	-	-	-	-
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#### **Exposure controls**

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

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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 :

- Butyl Rubber (Isobutylene-isoprene copolymer)

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 :

In the event of minor spatter, wear protective boots or half-boots against chemical risks in accordance with standard EN13832-2.

In the event of prolonged contact, wear boots or half-boots with liquid-chemical-resistant and waterproof soles and uppers in accordance with standard EN13832-3.

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.

#### **Important health, safety and environmental information**

pH :

Not stated.

pH (aqueous solution) :

Slightly basic.

Boiling point/boiling range :

8.4 +/- 1 (20%)

Flash point interval :

Not specified.

Vapour pressure (50°C) :

Not relevant.

Density :

Not relevant.

Water solubility :

1.061 +/- 0.005 20°C

Viscosity :

Soluble.

Melting point/melting range :

550 - 950 mPas 20°C

Not specified.

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Self-ignition temperature :  
Decomposition point/decomposition range :

Not specified.  
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**

When exposed to high temperatures, the mixture can release hazardous decomposition products, such as carbon monoxide and dioxide, fumes and nitrogen oxide.

**Conditions to avoid**

**Incompatible materials**

**Hazardous decomposition products**

The thermal decomposition may release/form :

- carbon monoxide (CO)
- carbon dioxide (CO<sub>2</sub>)
- phosgene (CCl<sub>2</sub>O)
- chlorine (Cl<sub>2</sub>)

## 11. Toxicological Information

**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.

Repeated or prolonged contact with the mixture may cause removal of natural oil from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

May have reversible effects on the eyes, such as eye irritation which is totally reversible by the end of observation at 21 days.

Splashes in the eyes may cause irritation and reversible damage

**Substances**

**Acute toxicity :**

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**

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

Formulation Bridged to similar formulations:

Guideline:

Expert Judgement CLP Bridging Principles

Results: Mixture is classified as H319 Cat.2 Causes serious eye irritation 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 AISE DetNet Mixture(s) McB Tested Mixture(s) .

**Respiratory or skin sensitisation :**

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

## 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

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.

## 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 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

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- Directive 1999/45/EC and its adaptations
- 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.

**- Container information:**

No data available.

**- Particular provisions :**

No data available.

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

- allergenic fragrances :

limonene

citronellol

benzyl salicylate

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.

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

Hazard symbols :

Harmful

Contains :

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

EC 287-335-8 BENZENESULFONIC ACID, MONO-C10-13-ALKYL DERIVS., COMPDS. WITH ETHANOLAMINE (MEA-DODECYLBENZENESULFONATE)

Contains 647-012-00-8 SUBTILISIN. May produce an allergic reaction.

Risk phrase :

R 52/53

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R 38

Irritating to skin.

R 22

Harmful if swallowed.

R 41

Risk of serious damage to eyes.

Safety phrase :

S 1/2

Keep locked up and out of the reach of children.

S 26

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S 36

Wear suitable protective clothing.

S 45

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S 46

If swallowed, seek medical advice immediately and show this container or label.

S 13

Keep away from food, drink and animal feedingstuffs.

S 25

Avoid contact with eyes.

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- S 28 After contact with skin, wash immediately with plenty of ... (to be specified by the manufacturer).
- S 29 Do not empty into drains.
- S 37/39 Wear suitable gloves and eye/face protection.
- S 61 Avoid release to the environment. Refer to special instructions/Safety data sheets.
- S 64 If swallowed, rinse mouth with water (only if the person is conscious).
- S 20 When using do not eat or drink.

**Wording of the phrases mentioned in section 3 :**

- H302 Harmful if swallowed.
- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
- H335 May cause respiratory irritation.
- H412 Harmful to aquatic life with long lasting effects.
- R 22 Harmful if swallowed.
- R 37/38 Irritating to respiratory system and skin.
- R 38 Irritating to skin.
- R 41 Risk of serious damage to eyes.
- R 42 May cause sensitization by inhalation.
- 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).
- GHS07 : Exclamation mark

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