

Marks & Spencer Homecare Products Ingredients and Safety Data Sheet

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

Product Name: Whites Laundry Sachets 12s

UPC: M00886314

Series Number: 1

2. Hazard Identification

2.1. Classification of the substance or mixture

Classification according to 1999/45/EC

IRRITANT: R41 - Risk of serious damage to eyes

Classification Procedure: Conventional Classification Method /Bridging of Test Data / Expert Judgement
(ref: Section 11)

2.2 Label Elements

Labelling according to 1999/45/EC

Symbol(s):



Risk Phrase(s):

IRRITANT

Risk of serious damage to eyes

Safety Phrase(s):

Keep out of the reach of children

Avoid contact with eyes

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

Wear eye/face protection

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

Supplemental Phrase(s):

None

2.3 Other Hazards

None

3. Composition / Information On Ingredients

Ingredients	CAS/EINECS	% e.g. 10-20%	Hazard	Risk No.
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Dodecylbenzene Sulphonate Monoethanolamine Salt	26836-07-7	10-100%		Xn R22 R41 R38
Alcohols C14-15 Ethoxylated	68951-67-7 68002-97-1	1-10%		Xn R22 R41 R50
Alcohols C13 Ethoxylated	69011-36-5	1-10%		Xn R22 R41

4. First Aid Measures

4.1 Description of first aid measures

Neat Product

- Eye:** Remove from site of exposure. Immediately wash eyes with plenty of water for at least 10 minutes, holding the eye open. Obtain medical attention urgently
Protect uninjured eye.
- Skin:** Immediately wash the skin thoroughly with plenty of clean water. If redness or irritation persists, obtain medical advice.
- Ingestion:** Wash out mouth with water. Do not induce vomiting. Obtain medical advice.
- Inhalation:** Mixture is a liquid contained within a film, as such inhalation is not a likely route of exposure.

4.2 Most important symptoms and effects, both acute and delayed

Prolonged or repeated exposure to the skin will lead to irritation.
If mixture comes into contact with eyes may cause severe irritation
If ingested, the mixture will lead to moderate irritation of the mouth and upper digestive tract. If significant quantities (>50ml) are ingested, then nausea and vomiting may occur.

4.3 Indication of any immediate medical attention and special treatment needed

No special treatment required - see first aid above

5. Fire Fighting Measures

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5.1 Extinguishing media

Suitable extinguishing media:

Dry powder, foam, carbon dioxide and water mist.

Unsuitable extinguishing media:

DO NOT USE DIRECT WATER SPRAY.

5.2 Special hazards arising from the substance or mixture

Fumes containing carbon dioxide, carbon monoxide and sulphur dioxide may be found in large fires

5.3 Advice for fire fighters

In case of fire of large quantities, self contained breathing apparatus should be worn.

6. Accidental Release Measures

6.1 Personal Precautions, Protective equipment and emergency procedures

Non emergency personnel:

Avoid contact with eyes. Avoid prolonged skin contact. Keep all non essential personnel away from area of accidental release.

Emergency personnel:

Avoid contact with eyes. Avoid prolonged skin contact. Keep all non essential personnel away from area of accidental release.

6.2 Environmental Precautions

Avoid discharge of large volumes into water courses

6.3 Methods and materials containment and cleaning up

Small spills (less than 6 bottles):

Wipe or Mop up the spilled mixture with inert absorbent material and dispose of in accordance with normal waste disposal measures

Large spills (greater than 6 bottles):

Contain the spilled mixture with sand or other inert absorbent material. Transfer used material to a suitable waste container and dispose of in accordance with local regulations

6.4 Reference to other sections

Refer to sections 8 & 13

7. Handling & Storage

7.1 Precautions for safe handling

Use only as directed.

Rinse and dry hands after use.

Do not handle with wet hands

Under normal use contact with the liquid product should not occur. If sachet is pierced, avoid contact with eyes. Avoid repeated or prolonged contact with skin. Wash skin thoroughly if contact occurs. Keep out of the reach of children. Care should be taken as spillage of the product will make floors and surfaces slippery.

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7.2 Conditions for safe storage, including any incompatibilities

Store in original container in a cool place. Keep out of the reach of children.
Avoid Extreme temperatures

7.3 Specific end use(s)

For the laundering of fabrics in a washing machine

8. Exposure Controls & Personal Protection

Occupational exposure limits

Limit value type (country of origin)	Substance name	EC No	CAS No	Occupational exposure limit		Source
				Long term	Short term	
UK	Subtilisin	232-752-2	9014-01-1	0.00004 mg.m ⁻³	-	EH40
UK	Diphenyl Ether	-	101-84-8	7.1 mg.m ⁻³	-	EH40

8.2 Exposure controls

Personal protective equipment

None during normal use. Avoid prolonged contact.

Environmental exposure controls

No eSDS available

9. Physical & Chemical Properties

9.1 Information on the basic physical and chemical properties

(a) Appearance:	Characteristic liquid
(b) Odour:	Characteristic
(c) Odour threshold:	No data available
(d) pH:	pH 8.2 - 8.9 (Undiluted at 20°C)
(e) Melting/freezing point:	< 0 °C
(f) Initial boiling point and boiling range	>100 °C
(g) Flash point:	Not Applicable
(h) Evaporation rate:	Not Determined (likely to be similar to water)
(i) Flammability (solid, gas):	Not applicable (liquid)
(j) Upper/lower flammability or explosive limits:	Not applicable (Not flammable)
(k) Vapour pressure:	Not Determined (likely to be similar to water)
(l) Vapour density:	Not Determined (likely to be similar to water)
(m) Relative density:	1.01g /cm ³ (at 20 deg C)
(n) Solubility:	Soluble in water

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(o) Partition coefficient (n-octanol/water):	Not Determined (likely to be similar to water)
(p) Auto-ignition temperature:	Not Determined (likely to be similar to water)
(q) Decomposition temperature:	Not Determined (likely to be similar to water)
(r) Viscosity:	50- 600 cps (at 20 deg C)
(s) Explosive properties:	Product is not classified as explosive
(t) Oxidising properties:	Product is not classified as oxidising

9.2 Other information

(a) Nanomaterials:	None
(b) Corrosivity to metals:	Not available

10. Stability & Reactivity

10.1 Reactivity:

Stable under recommended storage and handling conditions

10.2 Chemical stability:

Stable under recommended storage and handling conditions

10.3 Possibility of hazardous reactions:

None known

10.4 Conditions to avoid:

Avoid extremes of temperature or pH

10.5 Incompatible materials:

Avoid contact with strong acids, bases or oxidising materials

10.6 Hazardous decomposition products:

Fumes containing carbon dioxide, carbon monoxide and sulphur dioxide may be found in large fires

11. Toxicological Information

11.1 Information on toxicological effects

Acute Toxicity:

Oral	Mixture is not classified for acute oral toxicity by mathematical model
Dermal	Mixture is not classified for acute dermal toxicity by conventional classification
Inhalation	Mixture is not classified for acute inhalation toxicity by conventional classification

Irritation:

Dermal	Mixture is not classified as irritating to skin by bridging of test data on similar formulations. In accordance with Article 6.3 (the Furthermore clause) of Dangerous Preparations Directive 1999/45/EC and Annex 1 paragraph 1.1.0 of Classification Labelling and Packaging of substances and mixtures Regulations (EC) No 1907/2006, this formulation has been compared using expert judgement to industry shared formulations (AISE Guidelines for the Application of Directive 1999/45/EC - Part B) and an internal in-vitro tested formulation. This formulation can be bridged to similar formulations which have been studied for irritation potential in-vivo and in-vitro
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and found to be non-irritant to skin.

Eye Mixture is classified as Xi R41 - Risk of serious damage to eyes by Conventional Calculation Method and will be labelled in accordance with Dangerous Preparations Directive 1999/45/EC.

Corrosivity:

Dermal Mixture is not classified as corrosive by conventional classification or pH

Eye Mixture is not classified as corrosive by conventional classification or pH

Sensitisation:

Dermal Mixture contains substances known as 'Alleged Allergens'. Product will be labelled with these materials in accordance with Detergents Regulations (648/2004/EC)

Inhalation Mixture is not classified as a respiratory sensitiser by conventional classification

Specific Target Organ Toxicity - Single Exposure:

Oral Mixture does not contain any substances classified as STOT - SE by ingestion

Dermal Mixture does not contain any substances classified as STOT - SE by skin contact

Inhalation Mixture does not contain any substances classified as STOT - SE by inhalation

Specific Target Organ Toxicity - Repeated Exposure:

Oral Mixture does not contain any substances classified as STOT - RE by ingestion

Dermal Mixture does not contain any substances classified as STOT - RE by skin contact

Inhalation Mixture does not contain any substances classified as STOT - RE by inhalation

Aspiration Toxicity: Mixture does not contain any substances classified as aspirational toxins

Carcinogenicity: Mixture is not classified as carcinogenic by conventional calculation

Mutagenicity: Mixture does not contain any substances classified as mutagenic

Toxic for reproduction:

Mixture is not classified as toxic for reproduction by conventional calculation

Other Information: None

12. Ecological Information

12.1 Toxicity During normal use mixture is not anticipated to present a significant risk to the environment.
Mixture is not classified as harmful to the aquatic environment by conventional calculation

12.2 Persistence and degradability

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The surfactants contained in this mixture comply with biodegradability criteria as laid down in regulations (EC) No 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the member state. The other substances of this mixture are either environmentally inert or absorbed onto sewage and sediment etc or will biodegrade to substances which are likely to be of low environmental impact when the product is used as directed.

12.3 Bioaccumulative potential

Mixture is not expected to bioaccumulate

12.4 Mobility in soil

Mixture is expected to be fully mobile through soil

12.5 Results of PBT and vPvB assessment

Mixture does not contain any substances classified as PBT or vPvB.

12.6 Other adverse effects

None

13. Disposal

13.1 Waste treatment methods

Mixture:	Under conditions of expected use the mixture will be disposed of at the end of its life into the normal domestic waste streams
Packaging:	May be disposed of in household waste landfill. Recycle packaging where facilities exist.
Additional information:	Local or regional provisions may be in force and shall be referred to.

14. Transport Information

Land Transport (ADR/RID)

14.1 UN Number	Not classified as dangerous goods for transport
14.2 UN Proper shipping name	Not classified as dangerous goods for transport
14.3 Transport hazard class(s)	Not classified as dangerous goods for transport
14.4 Packaging Group	Not classified as dangerous goods for transport
14.5 Environmental hazards	Not classified as dangerous goods for transport
14.6 Special precautions for the user	Not classified as dangerous goods for transport

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14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not classified as dangerous goods for transport

15. Regulatory Information

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

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009

Detergents Regulations (EC) No 648/2004

15.2 Chemical safety assessment

No chemical safety assessment has been carried out

16. Other Information

R22 - Harmful if swallowed

R38 - Irritating to skin

R41 - Risk of serious damage to eyes

R50 - Very toxic to aquatic organisms

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