

Marks & Spencer Homecare Products Ingredients and Safety Data Sheet

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

Product Name: Lavender washing up liquid

UPC: M00811583

Series Number: 1

2. Hazard Identification

2.1. Classification of the substance or mixture

Classification according to 1999/45/EC

Not classified as dangerous to human health or the aquatic environment.

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

2.2 Label Elements

Labelling according to 1999/45/EC

Symbol(s): None

Risk Phrase(s): None

Safety Phrase(s): None

Supplemental Phrase(s):
None

2.3 Other Hazards None

3. Composition / Information On Ingredients

Ingredients	CAS/EINECS	Weight	Hazard	Risk No.
Sodium (C14-16) Alpha Olefin Sulphonate	68439-57-6	1-10		Alcohols C12-14 Ethoxylated
Sodium Laureth Sulphate	9004-82-4 / 68585- 34-2 / 161074-79-9	1-10		Xi R41 R38

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Cocamidopropyl Betaine	61789-40-0	1-10		Xi R41
Alcohols C12-14 Ethoxylated	68439-50-9	0.1-1		Xi R41 N R50

4. First Aid Measures

Eye: Immediately wash the eye with plenty of water for at least 10 minutes, holding the eye open. Obtain medical advice if redness or irritation persists.

Skin: Wash skin thoroughly with soap and water.

Ingestion: Wash out mouth with water. Do not induce vomiting. Obtain medical advice.

Inhalation: Mixture is a viscous liquid as such inhalation is not a likely route of exposure

Diluted Product

Eye: Immediately wash the eye with plenty of water for at least 10 minutes, holding the eye open. Obtain medical advice if redness or irritation persists.

Skin: Wash skin thoroughly with soap and water.

Ingestion: Wash out mouth with water. Do not induce vomiting. Obtain medical advice.

Inhalation: Mixture is diluted with water to form a solution, 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 may lead to irritation.

If Mixture comes into contact with eyes may cause transient stinging.

If ingested, the Mixture will lead to 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

5.1 Extinguishing media

Suitable extinguishing media:

Dry powder, foam, carbon dioxide and water mist.

Unsuitable extinguishing media:

DO NOT USE DIRECT WATER SPRAY.

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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 out of reach of children

Emergency personnel:

Avoid contact with eyes. Avoid prolonged skin contact. Keep out of reach of children

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 liquid with inert absorbent material and dispose in accordance with normal waste disposal measures

Large spills (greater than 6 bottles):

Contain the spilled liquid 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

Avoid contact with eyes. Avoid prolonged contact with skin. Use only as directed.

7.2 Conditions for safe storage, including any incompatibilities

Store in original container. Keep in a cool place out of the reach of children and pets

7.3 Specific end use(s)

For the manual cleaning of dishes

8. Exposure Controls & Personal Protection

8.1 Control parameters

Occupational exposure limits

Mixture does not contain any substances with declared occupational exposure limits

9. Physical & Chemical Properties

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9.1 Information on the basic physical and chemical properties

(a) Appearance:	Viscous liquid
(b) Odour:	Characteristic
(c) Odour threshold:	Not determined
(d) pH:	6-8 (undiluted at 20 deg C)
(e) Melting/freezing point:	<0 deg C
(f) Initial boiling point and boiling range	>80 deg C
(g) Flash point:	Not applicable (not flammable)
(h) Evaporation rate:	Not determined
(i) Flammability (solid, gas):	Not applicable
(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:	1.028-1.055
(n) Solubility:	Not determined (likely to be similar to water)
(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:	40-220 flow cup seconds (at 20 degC)
(s) Explosive properties:	Mixture does not contain substances directly added or produced by reactions that are classified as explosive
(t) Oxidising properties:	Mixture does not contain substances directly added or produced by reactions that are classified as oxidising

9.2 Other information

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

10. Stability & Reactivity

10.1 Reactivity

Stable Under cool, dry Conditions

10.2 Chemical stability

Stable Under cool, dry Conditions

10.3 Possibility of hazardous reactions

None Known

10.4 Conditions to avoid

Avoid Extreme
Temperatures

10.5 Incompatible materials

Avoid contact with strong acids, strong bases or oxidising agents

10.6 Hazardous decomposition products

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

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11. Toxicological Information

11.1 Information on toxicological effects

Acute Toxicity:

Oral	Mixture is not classified for acute oral toxicity by conventional classification
Dermal	Mixture does not contain any substances classified as acutely toxic by dermal route
Inhalation	Mixture does not contain any substances classified as acutely toxic by inhalation

Irritation:

Dermal	Mixture is not classified as irritating to skin by conventional classification
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Eye	Mixture is not classified as Irritating to eyes 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). This formulation can be bridged to similar formulations which have been studied for irritation potential in-vivo found to be non-irritant to eyes.
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Corrosivity:

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

Dermal	Mixture contains materials classified as Allergens. Mixture will be labelled with these materials in accordance with Detergents Regulations (648/2004/EC)
Inhalation	Mixture does not contain any substances classified as Respiratory Sensitisers

Specific Target Organ Toxicity - Single Exposure:

Oral Dermal Inhalation	Mixture does not contain any substances classified as STOT - SE by any route of exposure
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Specific Target Organ Toxicity - Repeated Exposure:

Oral Dermal Inhalation	Mixture does not contain any substances classified as STOT - RE by any route of exposure
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Aspiration Toxicity:

Mixture does not contain any substances classified as aspirational toxins

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Carcinogenicity:	Mixture does not contain any substances classified as carcinogens
Mutagenicity:	Mixture does not contain any substances classified as mutagens
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 product is not anticipated to present a significant risk to the environment.

12.2 Persistence and degradability

The surfactant(s) 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 components 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 mixture is used as directed.

12.3 Bioaccumulative potential

Mixture does not contain any substances 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: Product packaging may be recycled where facilities are available.

Additional information:

Large quantities should be disposed of in accordance with local regulations

14. Transport Information

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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

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

Dangerous Preparations Directive 1999/45/EEC

Detergents Regulations (EC) No 648/2004

Registration, Evaluation, Authorisation and Restriction of Chemicals Regulations (EC) No 1907/2006

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

15.2 Chemical safety assessment

No chemical safety assessment has been carried out

16. Other Information

Reason for and Description of SDS revisions:

REACH Annex II Compliance

Key to abbreviations:

WEL - Workplace Exposure Limit

STOT RE - Specific Target Organ Toxicity - Repeat Exposure

STOT SE - Specific Target Organ Toxicity - Single Exposure

PBT - Persistent, Bioaccumulative, Toxic

vPvB - very Persistent, very Bioaccumulative

List of risks and safety phrases in full

R36 - Irritating to eyes

R38 - Irritating to skin

R41 - Risk of serious damage to eyes

R50 - Very toxic to aquatic organisms

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