

Marks & Spencer Homecare Products Ingredients and Safety Data Sheet

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

Product Name: Sensitive Superconc Liquid 630ml

UPC: M00886284

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	% e.g. 10-20%	Hazard	Risk No.
Dodecyl benzenesulphonc acid Monoethanolamine Salt	26836-07-7	10-100%		Xn R22 R41 R38

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Alcohols C13-15 Ethoxylated	24938-91-8 68131-39-5 68951-67-7	1-10%		Xn R22 R41 N R50
Ethanol	64-17-5	1-10%		F R11

4. First Aid Measures

4.1 Description of first aid measures

Neat Product

Eye: Remove from site of exposure. 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, 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. Remove from site of exposure. If redness or irritation persists, obtain medical advice
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, 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 will cause moderate irritation
If ingested, the product may 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

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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.

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 children 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.

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

Rinse and dry hands after use.

People with sensitive or damaged skin should avoid prolonged contact with the product.

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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.

7.3 Specific end use(s)

For the laundering of fabrics in a washing machine or by hand

8. Exposure Controls & Personal Protection

8.1 Control parameters

Occupational exposure limits

Limit value type (country of origin)	Substance name	EC No	CAS No	Occupational exposure limit		Source
				Long term	Short term	
UK	Ethanol	200-578-6	64-17-5	1000ppm 1920mg.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 - 1.035g/cm ³ (at 20 deg C)
(n) Solubility:	Soluble in 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:	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

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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 conventional classification
Dermal	Mixture does not contain any substances classified as harmful in contact with skin
Inhalation	Mixture is not classified for acute inhalation toxicity by conventional classification

Irritation:

Dermal	Mixture is not classified as Irritating to skin by conventional calculation
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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:

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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 does not contain any substances classified as respiratory sensitisers

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 is not classified as an aspirational toxin by conventional calculation

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

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

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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

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

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Regulations (EC) No 1907/2006
The Chemicals (Hazard Information and Packaging for Supply) Regulations
2009

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

PBT - Persistent, Bioaccumulative, Toxic

STOT RE - Specific Target Organ Toxicity - Repeat Exposure

STOT SE - Specific Target Organ Toxicity - Single Exposure

vPvB - very Persistent, very Bioaccumulative

List of risk and safety phrases in full:

R11 - Highly flammable

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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