

# Marks & Spencer Homecare Products Ingredients and Safety Data Sheet

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

**Product Name:** Whites Super Conc Liquid 21

**UPC:** M00886321

**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
Alcohols C13-15 Ethoxylated	24938-91-8 68131-39-5	1-10%		Xn R22 R41 N R50

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	68951-67-7			
Ethanol	64-17-5	1-10%		F R11
Hexyl Salicylate	6259-76-3	0.1-1%		Xi R38 R43 N R50/53

## 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

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#### **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.

### **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

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of children.  
Rinse and dry hands after use.  
People with sensitive or damaged skin should avoid prolonged contact with the product.

## 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 <sup>-3</sup>	-	EH40
UK	Subtilisin	232-752-2	9014-01-1	0.00004 mg.m <sup>-3</sup>	-	EH40
UK	Diethyl Ether	202-981-2	101-84-8	7.1 mg.m <sup>-3</sup>	-	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)

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(m) Relative density:	1.01g - 1.035g/cm <sup>3</sup> (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:	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 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:

<b>Oral</b>	Mixture is not classified for acute oral toxicity by conventional classification
<b>Dermal</b>	Mixture does not contain any substances classified as harmful in contact with skin
<b>Inhalation</b>	Mixture is not classified for acute inhalation toxicity by conventional classification

### Irritation:

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

**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.

**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). 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, The IFRA QRA approach has been applied to determine the final product classification with respect to sensitisation due to fragrance substances. Application of the approach based on weight of evidence results in the expert judgement that the sensitiser warning is not required on this product.

**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 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

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## 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 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 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 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:** 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

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<b>14.3 Transport hazard class(s)</b>	Not classified as dangerous goods for transport
<b>14.4 Packaging Group</b>	Not classified as dangerous goods for transport
<b>14.5 Environmental hazards</b>	Not classified as dangerous goods for transport
<b>14.6 Special precautions for the user</b>	Not classified as dangerous goods for transport
<b>14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	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

### 15.2 Chemical safety assessment

No chemical safety assessment has been carried out

## 16. Other Information

R11 - Highly flammable

R22 - Harmful if swallowed

R38 - Irritating to skin

R41 - Risk of serious damage to eyes

R43 - May cause sensitisation by skin contact

R50 - Very toxic to aquatic organisms

R53 - May cause long term effects in the aquatic environment

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