

Marks & Spencer Homecare Products Ingredients and Safety Data Sheet

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

Product Name: SIMPLY M&S Original thick bleach 750ml

UPC: M00250030S

Series Number: 1

2. Hazard Identification

Classification according to 1999/45/EC

"Irritant: Xi R36 R38 - Irritating to eyes and skin

Classification procedure: Bridging of Test Data / Expert Judgement (ref: Section 12)"

Label Elements

Labelling according to 1999/45/EC

Risk Phrase(s)

Irritating to eyes and skin

Safety Phrase(s)

Keep out of the reach of children

Avoid contact with skin and eyes

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

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

Contains Sodium Hydroxide and Sodium Hypochlorite

Warning! Do not use together with other products. May release dangerous gases (chlorine).

Supplemental Phrase(s) None

Other Hazards None

3. Composition / Information On Ingredients

Ingredients	INCI Name	Weight	Hazard	Risk No.
Sodium Hypochlorite		1-10		C R34 R31 R36/38 N R50
Sodium Laureth Sulphate		1-10		Xi R41 R38

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Sodium Hydroxide		0.1-1		C R35 R34 R36/38
Amines, C12-18 (even numbered) - alkyldimethyl, N-oxides		0.1-1		Xn R22 Xi R41 R38 N R50

4. First Aid Measures

Neat 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.

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.

5. Fire Fighting Measures

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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Special hazards arising from the substance or mixture

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

Advice for fire fighters

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

6. Accidental Release Measures

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.

Environmental Precautions

Avoid discharge of large volumes into water courses

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 measure

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

Reference to other sections

Refer to sections 8 & 13

7. Handling & Storage

Precautions for safe handling

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

Use only as directed.

Rinse and dry hands after use.

Do not mix with acids, other cleaning products or bleaches.

Conditions for safe storage, including any incompatibilities

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

Specific end use(s)

For general disinfecting and cleaning purposes and for bleaching fabrics.

8. Exposure Controls & Personal Protection

Control parameters:**Occupational exposure limits**

				Occupational Exposure Limit		
Limit value type (country of origin)	Substance name	EC No	CAS No	Long Term	Short Term	Source
United Kingdom	Sodium Hydroxide	215-185-5	1310-73-2	-	2 mg.m3	EH40

Personal protective equipment

None during normal use. Avoid prolonged contact.

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Environmental exposure controls

No eSDS available

9. Physical & Chemical Properties

Information on the basic physical and chemical properties

(a) Appearance

Characteristic, yellow liquid

(b) Odour

Characteristic

(c) Odour Threshold

No data available

(d) pH

12-14

(e) Melting/freezing point

<0°C

(f) Initial boiling point and boiling range

100°C

(g) Flash point

Not applicable (Not Flammable)

(h) Evaporation rate

Not determined (Likely to be similar to water)

(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

1.08 g/cm³ (at 20°C)

(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

25-150 flow cup seconds

(s) Explosive properties

Mixture does not contain substances directly added or produced by reactions that are classified as explosive.

(t) Oxidising properties

This product contains oxidising agents.

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Other information

(a) Nanomaterials

None

(b) Corrosivity to metals

Steel: corrosion rate of > 6.25 mm/y (localised corrosion) [UN test C.1]

10. Stability & Reactivity

10.1 Reactivity

Contact with acids liberates toxic chlorine gas.

10.2 Chemical stability

Will decompose slowly on standing, with the production of sodium chlorate and sodium chloride and the evolution of oxygen.

This process is accelerated by heat and exposure to light as well as contamination by certain metals.

10.3 Possibility of hazardous reactions

Reacts with acids generating: Chlorine gas

10.4 Conditions to avoid

Exposure to light. High temperatures.

10.5 Incompatible materials

Acids, ammonium compounds, oxidising agents, metals particularly copper, nickel and iron. Do not mix with other cleaning products.

10.6 Hazardous decomposition products

Reacts with acids generating: Chlorine gas

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 is not classified for acute dermal toxicity by conventional classification

Inhalation

Mixture is not classified for acute inhalation toxicity by conventional classification

Irritation:

Dermal

Prolonged or repeated contact will lead to skin irritation

Eye

Will cause irritation in contact with 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)

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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 does not contain any substances classified as aspirational toxins

Carcinogenicity

Mixture is not classified as carcinogenic by conventional calculation

Mutagenicity

Mixture is not classified as carcinogenic by conventional calculation

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 toxic to aquatic organisms (N R50) 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 product has been compared using expert judgement to industry shared data (AISE Environmental classification of Sodium Hypochlorite containing bleach products 9th Sept 2009). This indicates that products containing up to 5.2% Sodium Hypochlorite (4.9%Active chlorine) would not need to be classified N R50 on the basis of their Sodium Hypochlorite content.

12.2 Persistence and degradability

The surfactant(s) contained in this mixture complies 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

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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 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

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

Not classified as dangerous goods for transport

14.2 Sea Transport (IMDG Code)

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

14.3 Air Transport (ICAO-IATA)**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

16.1 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

EH40 - EH40/2005uk List of approved workplace exposure limits

List of risk and safety phrases in full:

R22 - Harmful if swallowed

R31 - Contact with acids liberates toxic gas

R34 - Causes burns

R35 - Causes severe burns

R36 - Irritating to eyes

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R38 - Irritating to skin

R41 - Risk of serious damage to eyes

R50 - Very toxic to aquatic organisms

Disclaimer:

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