

Marks & Spencer Homecare Products Ingredients and Safety Data Sheet

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

Product Name: SIMPLY M&S Kitchen Trigger with Bleach 500ml

UPC: M00886338S

Series Number: 1

2. Hazard Identification

Classification of the substance or mixture

Classification according to 1999/45/EC

Under the Chemical Hazard, Information and Packaging Regulations (CHIP4.0) 2009 this product is Classified as Irritating to eyes (Xi R36) and skin (Xi R38).

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 Hydroxide		0.1-1		C R35 R34 R36/38
Decylamine Oxide		0.1-1		Xi R41 R38 Xn R22 N R50

4. First Aid Measures

4.1 Description of first aid measures

Reference-56012726

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

Remove from site of exposure into fresh air. Keep warm and at rest. Obtain medical attention immediately if breathing shows signs of failing.

Diluted Product

Eye

Not applicable

Skin

Not applicable

Ingestion

Not applicable

Inhalation

Not applicable

4.2 Most important symptoms and effects, both acute and delayed

Prolonged or repeated exposure to the skin will lead to slight/mild irritation.

If mixture comes into contact with eyes may cause mild irritation

If ingested, the mixture may cause irritation of the mouth and upper digestive tract

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.

May produce dangerous gases (chlorine) when mixed together with other cleaning products

5.3 Advice for fire fighters

Wear self-contained breathing apparatus and chemical protective clothing.

6. Accidental Release Measures

6.1 Personal Precautions, Protective equipment and emergency procedures

Non emergency personnel

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

Emergency personnel

Avoid contact with eyes. Avoid 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

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

Use only as directed.

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

Rinse and dry hands after use.

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 cleaning hard surfaces in the kitchen

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	
United Kingdom	Sodium Hydroxide	215-185-5	1310-73-2	-	2 mg.m3	EH40

United Kingdom	Diphenyl ether (vapour)	202-981-2	101-84-8	7.1 mg.m3	-	EH40
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9. Physical & Chemical Properties

9.1 Information on the basic physical and chemical properties

(a) Appearance

Characteristic, clear liquid

(b) Odour

Characteristic fragrance

(c) Odour Threshold

No Data Available

(d) pH

12.5 - 13.5 (Undiluted, at 20 deg C)

(e) Melting/freezing point

<0degC

(f) Initial boiling point and boiling range

90 deg 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

1.036 g/cm³ (at 20 degC)

(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

Not Determined (Likely to be similar to water)

(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 any substances directly added or produced by reactions that are classified as oxidising

9.2 Other information

(a) Nanomaterials

None

Reference-56012726

(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 does not contain any substances classified as harmful by ingestion

Dermal

Mixture does not contain any substances classified as harmful in contact with skin

Inhalation

Mixture does not contain any substances classified as harmful by inhalation

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)

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 does not contain any substances classified as carcinogens

Mutagenicity

Mixture does not contain any substances classified as mutagenic

Toxic for reproduction

Mixture does not contain any substances classified as toxic for reproduction

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 surfactant 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

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

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

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

Detergents Regulations (EC) No 648/2004

Biocidal Products Directive' (BPD) 98/8/EC

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:

CHIP - Chemical Hazard, Information and Packaging Regulations

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

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

R38 - Irritating to skin

R41 - Risk of serious damage to eyes

R50 - Very toxic to aquatic organisms

Disclaimer:

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