

Marks & Spencer Homecare Products Ingredients and Safety Data Sheet

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

Product Name: M&S Antiseptic Disinfectant 500ml

UPC: M00677141S

Series Number: 1

2. Hazard Identification

Classification of the substance or mixture

In compliance with EC regulation No. 1272/2008 and its amendments.

Eye irritation, Category 2 (Eye Irrit. 2, H319).

Hazardous to the aquatic environment - Chronic hazard, Category 3 (Aquatic Chronic 3, H412).

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

In compliance with directives 67/548/EEC, 1999/45/EC and their amendments.

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

This mixture does not present a health hazard with the exception of possible occupational exposure thresholds (see paragraphs 3 and 8).

This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

Label elements

Biocidal detergent mixture (see section 15).

In compliance with EC regulation No. 1272/2008 and its amendments.

GHS07

Signal Word :

WARNING

Hazard statements :

H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements - General :

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read label before use.

Precautionary statements - Prevention :

P264 Wash hands thoroughly after handling.

P273 Avoid release to the environment.

Precautionary statements - Response :

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice/attention.

Precautionary statements - Disposal :

P501 Dispose of contents/container to ...

Other hazards

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The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) >= 0.1% published by the European CHemicals Agency (ECHA) under article 57 of REACH:

<http://echa.europa.eu/fr/candidate-list-table>

The mixture satisfies neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

3. Composition / Information On Ingredients

Mixtures

Composition :

Identification	(EC) 1272/2008	67/548/EEC	Note	%
INDEX: 1001305 CAS: 68424-85-1 EC: 270-325-2 QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-16-ALKYLDIMETHYL, CHLORIDES (BENZALKONIUM CHLORIDE)	GHS07, GHS05, GHS09 Dgr Met. Corr. 1, H290 Acute Tox. 4, H302 Acute Tox. 4, H312 Skin Corr. 1B, H314 Aquatic Acute 1, H400 M Acute = 10 Aquatic Chronic 1, H410 M Chronic = 1	C,N C;R34 Xn;R21/22 N;R50/53-R50		0 <= x % < 2.5

4. First Aid Measures

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing by an unconscious person.

Description of first aid measures

In the event of splashes or contact with eyes :

Wash thoroughly with fresh, clean water for 15 minutes holding the eyelids open.

If there is any redness, pain or visual impairment, consult an ophthalmologist.

In the event of swallowing :

In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor.

Keep the person exposed at rest. Do not force vomiting.

Seek medical attention, showing the label.

If swallowed accidentally, call a doctor to ascertain whether observation and hospital care will be necessary. Show the label.

Most important symptoms and effects, both acute and delayed

No data available.

Indication of any immediate medical attention and special treatment needed

No data available.

5.Fire Fighting Measures

Non-flammable.

Extinguishing media

Suitable methods of extinction

In the event of a fire, use :

- sprayed water or water mist
- foam
- multipurpose ABC powder
- BC powder
- carbon dioxide (CO2)

Unsuitable methods of extinction

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In the event of a fire, do not use :

- water jet

Special hazards arising from the substance or mixture

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)
- carbon dioxide (CO₂)

Advice for firefighters

No data available.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Consult the safety measures listed under headings 7 and 8.

For non first aid worker

Avoid any contact with the skin and eyes.

For first aid worker

First aid workers will be equipped with suitable personal protective equipment (See section 8).

Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

Methods and material for containment and cleaning up

Clean preferably with a detergent, do not use solvents.

Reference to other sections

No data available.

7. Handling & Storage

Requirements relating to storage premises apply to all facilities where the mixture is handled.

Precautions for safe handling

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

Ensure that there is adequate ventilation, especially in confined areas.

Fire prevention :

Handle in well-ventilated areas.

Prevent access by unauthorised personnel.

Recommended equipment and procedures :

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

Avoid eye contact with this mixture.

Packages which have been opened must be reclosed carefully and stored in an upright position.

Prohibited equipment and procedures :

No smoking, eating or drinking in areas where the mixture is used.

Conditions for safe storage, including any incompatibilities

No data available.

Storage

Keep out of reach of children.

Keep the container tightly closed in a dry, well-ventilated place.

The floor must be impermeable and form a collecting basin so that, in the event of an accidental spillage, the liquid cannot spread beyond this area.

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Packaging

Always keep in packaging made of an identical material to the original.

Specific end use(s)

No data available.

8. Exposure Controls & Personal Protection

Control parameters

No data available.

Exposure controls

Personal protection measures, such as personal protective equipment

Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using.

Ensure that there is adequate ventilation, especially in confined areas.

- Eye / face protection

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles with protective sides accordance with standard EN166.

In the event of high danger, protect the face with a face shield.

Prescription glasses are not considered as protection.

Individuals wearing contact lenses should wear prescription glasses during work where they may be exposed to irritant vapours.

Provide eyewash stations in facilities where the product is handled constantly.

- Hand protection

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374.

Gloves must be selected according to the application and duration of use at the workstation.

Protective gloves need to be selected according to their suitability for the workstation in question : other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

Type of gloves recommended :

- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))

Recommended properties :

- Impervious gloves in accordance with standard EN374

- Body protection

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

9. Physical & Chemical Properties

Information on basic physical and chemical properties

General information :

Physical state :	Fluid liquid.
Hygroscopicity :	Not stated.
Odour threshold :	Not stated.
Molecular formula :	Not stated.
Granulometry :	Not stated.
Apparent bulk density (Packed) :	Not stated.
Apparent bulk density (Loose packed) :	Not stated.
Particle size :	Not stated.
Angle of Talus :	Not stated.

Important health, safety and environmental information

pH (aqueous solution) :	6 +/- 1
pH :	7.00 1.

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Boiling point/boiling range :	Neutral.
Flash Point :	Not relevant.
	90.00 °C.
	Incombustible.
Flammability (solid, gas) :	Not stated.
Explosive properties, lower explosivity limit (%) :	Not stated.
Explosive properties, upper explosivity limit (%) :	Not stated.
Oxidising properties :	Not stated.
Vapour pressure (50°C) :	Not relevant.
Vapour density :	Not stated.
Density :	1.003
Miscibility :	Not stated.
Water solubility :	Soluble. n/a
Fat solubility :	Not stated.
Partition coefficient: n-octanol/water :	Not stated.
Viscosity :	Not stated.
Viscosity:	$\nu < 7 \text{ mm}^2/\text{s}$ (40°C)
Evaporation rate :	Not stated.
Melting point/melting range :	Not relevant.
Self-ignition temperature :	Not relevant.
Decomposition point/decomposition range :	Not relevant.
Conductivity :	Not stated.
% VOC :	Not stated.
Colour :	Characteristic
Odour :	Characteristic
Other information	
Optical rotation :	Not stated.
Index of refraction :	Not stated.
Index of fluidity :	Not stated.
Henry constant :	Not stated.
Dissociation constant :	Not stated.
Oxidation reduction potential :	Not stated.
Superficial tension :	Not stated.
Surface tension :	Not stated.
Enthalpy of combustion :	Not stated.
Enthalpy of melting :	Not stated.
Enthalpy of vaporisation :	Not stated.
Enthalpy of polymerization :	Not stated.
Critical pressure :	Not stated.
Critical temperature :	Not stated.

10. Stability & Reactivity

Reactivity

No data available.

Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

Possibility of hazardous reactions

When exposed to high temperatures, the mixture can release hazardous decomposition products, such as carbon monoxide and dioxide, fumes and nitrogen oxide.

Conditions to avoid

Avoid :

- frost

Incompatible materials

Hazardous decomposition products

The thermal decomposition may release/form :

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- carbon monoxide (CO)
- carbon dioxide (CO₂)

11. Toxicological Information

Information on toxicological effects

May have reversible effects on the eyes, such as eye irritation which is totally reversible by the end of observation at 21 days.

Splashes in the eyes may cause irritation and reversible damage

Substances

No toxicological data available for the substances.

Mixture

Skin corrosion/skin irritation :

Corrosivity : No observed effect.
OECD Guideline 439 (In Vitro Skin Irritation, Reconstructed Human Epidermis Test Method)

Tests have proven that the mixture is neither corrosive nor irritant despite the low/high pH.

12. Ecological Information

Harmful to aquatic life with long lasting effects.

The product must not be allowed to run into drains or waterways.

Toxicity

Substances

QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-16-ALKYLDIMETHYL, CHLORIDES (BENZALKONIUM CHLORIDE)

(CAS: 68424-85-1)

Fish toxicity : 1 < LC₅₀ ≤ 10 mg/l
Species : Others
Duration of exposure : 96 h
OECD Guideline 203 (Fish, Acute Toxicity Test)

0,001 < NOEC ≤ 0,01 mg/l
Factor M = 1
Duration of exposure : 28 days

Crustacean toxicity : 0.01 < EC₅₀ ≤ 0.1 mg/l
Factor M = 10
Species : Daphnia magna
Duration of exposure : 48 h
OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

Algae toxicity : 0.01 < EC₅₀ ≤ 0.1 mg/l
Factor M = 10
Species : Selenastrum capricornutum
Duration of exposure : 96 h
OECD Guideline 201 (Alga, Growth Inhibition Test)

Mixtures

No aquatic toxicity data available for the mixture.

Persistence and degradability

Substances

QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-16-ALKYLDIMETHYL, CHLORIDES (BENZALKONIUM CHLORIDE) (CAS: 68424-85-1)

Biodegradability : Rapidly degradable.

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Bioaccumulative potential

No data available.

Mobility in soil

No data available.

Results of PBT and vPvB assessment

No data available.

Other adverse effects

No data available.

13. Disposal

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

Waste treatment methods

Do not pour into drains or waterways.

Waste :

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging :

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

14. Transport Information

Exempt from transport classification and labelling.

15. Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture**- Classification and labelling information included in section 2:**

The following regulations have been used:

- Directive 67/548/EEC and its adaptations
- Directive 1999/45/EC and its adaptations
- Regulation EC 1272/2008 modified by regulation EC 618/2012
- EU Regulation No. 1272/2008 amended by EU Regulation No. 758/2013.

- Container information:

No data available.

- Particular provisions :

No data available.

- Labelling for detergents (EC Regulation No. 648/2004,907/2006) :

- disinfectants
- perfumes
- allergenic fragrances :
hexyl cinnamal

- Labelling for biocidal products (Regulation 1896/2000, 1687/2002, 2032/2003, 1048/2005, 1849/2006, 1451/2007 and Directive 98/8/EC):

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Name	CAS	%	Product-type
QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-16-ALKYLDIMETHYL, CHLORIDES (BENZALKONIUM CHLORIDE)	68424-85-1	22.50 g/kg	01 02 04

Product-type 1 : Human hygiene.

Product-type 2 : Disinfectants and algacides not intended for direct application to humans or animals.

Product-type 4 : Food and feed area.

Chemical safety assessment

No data available.

16. Other Information

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

In compliance with directives 67/548/EEC, 1999/45/EC and their amendments.

No labelling requirements for this mixture.

Wording of the phrases mentioned in section 3 :

H290	May be corrosive to metals.
H302	Harmful if swallowed.
H302 + H312	Harmful if swallowed or in contact with skin.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
R 21/22	Harmful in contact with skin and if swallowed.
R 34	Causes burns.
R 50	Very toxic to aquatic organisms.
R 50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Abbreviations :

ADR : European agreement concerning the international carriage of dangerous goods by Road.

IMDG : International Maritime Dangerous Goods.

IATA : International Air Transport Association.

ICAO : International Civil Aviation Organisation

RID : Regulations concerning the International carriage of Dangerous goods by rail.

WGK : Wassergefährdungsklasse (Water Hazard Class).

GHS07 : Exclamation mark

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