

Marks & Spencer Homecare Products Ingredients and Safety Data Sheet

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

Product Name: M&S Antibacterial Cleaner

UPC: 879262

Series Number:

Product No.: 0016133647

2. Hazard Identification

2.1 Classification of the substance or mixture

The product has been classified according to the legislation in force.

Classification according to Regulation (EC) No 1272/2008 as amended.

Health Hazards

Skin irritation	Category 2	H315: Causes skin irritation.
Serious eye irritation	Category 2	H319: Causes serious eye irritation.

Environmental Hazards

Chronic hazards to the aquatic environment	Category 3	H412: Harmful to aquatic life with long lasting effects.
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Label Elements



Signal Word: Warning

Hazard Statement(s): H315: Causes skin irritation.
H319: Causes serious eye irritation.
H412: Harmful to aquatic life with long lasting effects.

Precautionary Statements

General advice: 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.

Prevention: P260: Do not breathe mist.
P271: Use only outdoors or in a well-ventilated area.

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P264: Wash hands thoroughly after handling. P273: Avoid release to the environment.

Response: P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P332+P313: If skin irritation occurs: Get medical advice/attention. P302+P352: IF ON SKIN: Wash with plenty of soap and water.
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.

Disposal: P501: Dispose of contents/container in accordance with local requirements for domestic waste disposal.

2.3 Other hazards No data available.

3. Composition / Information On Ingredients

Ingredients	CAS/EINECS	% e.g. 10-20%	Hazard	Risk No.
BENZALKONIUM CHLORIDE	CAS:68424-85-1 EC:270-325-2	1 - <2.5%	Met. Corr.: 1: Acute Tox.: 4: Skin Corr.: 1B: Eye Dam.: 1: Aquatic Acute: 1: Aquatic Chronic: 1:	H290 H302 H314 H318 H400 H410

4. First Aid Measures

4.1 Description of first aid measures

Inhalation: Move to fresh air.

Skin Contact: Flush skin thoroughly with water. Get medical attention if irritation persists after washing.

Eye contact: Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if irritation persists after washing.

Ingestion: Rinse mouth thoroughly. Do NOT induce vomiting. Seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed: Mildly irritating to skin with prolonged exposure. If mixture comes into contact with eyes may cause mild irritation.

4.3 Indication of any immediate medical attention and special treatment needed

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Hazards: No special precautionary health measures should be needed under anticipated conditions of use.

Treatment: Get medical attention if symptoms occur.

5. Fire Fighting Measures

General Fire Hazards: No unusual fire or explosion hazards noted.

**5.1 Extinguishing media
Suitable extinguishing
media:**

Extinguish with foam, carbon dioxide, dry powder or water fog.

**Unsuitable extinguishing
media:**

Do not use water jet as an extinguisher, as this will spread the fire.

**5.2 Special hazards arising
from the substance or
mixture:**

During fire, gases hazardous to health may be formed.

**5.3 Advice for firefighters
Special fire fighting
procedures:**

Wear self-contained breathing apparatus and protective clothing.

**Special protective
equipment for fire-fighters:**

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

6. Accidental Release Measures

**6.1 Personal precautions,
protective equipment and
emergency procedures:**

Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Avoid contact with eyes and prolonged or repeated contact with skin.

6.2 Environmental Precautions:

Avoid release to the environment. Do not contaminate water sources or sewer. Prevent further leakage or spillage if safe to do so.

**6.3 Methods and material for
containment and cleaning
up:**

Dike far ahead of larger spill for later recovery and disposal. Absorb with sand or other inert absorbent. Collect spillage in containers, seal securely and deliver for disposal according to local regulations. Stop the flow of material, if this is without risk.

**6.4 Reference to other
sections:**

See Section 8 of the SDS for Personal Protective Equipment.

7. Handling & Storage

**7.1 Precautions for safe
handling:**

Provide adequate ventilation. Avoid contact with eyes. Avoid contact with skin. No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals. Use only as directed.

**7.2 Conditions for safe storage,
including any
incompatibilities:**

Store away from incompatible materials. Store in original tightly closed container.

7.3 Specific end use(s):

For cleaning hard surfaces

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8. Exposure Controls & Personal Protection

8.1 Control Parameters

Occupational Exposure Limits

None of the components have assigned exposure limits.

8.2 Exposure controls

Appropriate Engineering Controls:

No data available.

Individual protection measures, such as personal protective equipment

General information:

Do not eat, drink or smoke when using the product. Use personal protective equipment as required. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

Eye/face protection:

If risk of splashing, wear safety goggles or face shield.

Skin protection

Hand Protection:

Use suitable protective gloves if risk of skin contact.

Other:

Wear appropriate clothing to prevent reasonably probable skin contact.

Respiratory Protection:

No protection is ordinarily required under normal conditions of use and with adequate ventilation.

Hygiene measures:

Avoid contact with eyes. Avoid contact with skin. Wash hands thoroughly after handling.

Environmental Controls:

No eSDS available.

9. Physical & Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state:

liquid

Form:

Clear Liquid

Color:

Colorless

Odor:

No data available.

Odor Threshold:

No data available.

pH:

7.50

Freezing point:

No data available.

Boiling Point:

100.00 °C

Flash Point:

> 61.00 °C

Evaporation Rate:

No data available.

Flammability (solid, gas):

No data available.

Flammability Limit - Upper (%):

No data available.

Flammability Limit - Lower (%):

No data available.

Vapor pressure:

No data available.

Vapor density (air=1):

No data available.

Density:

No data available.

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Relative density:	1.0000
Solubility(ies)	
Solubility in Water:	No data available.
Solubility (other):	No data available.
Partition coefficient (n-octanol/water):	No data available.
Autoignition Temperature:	No data available.
Decomposition Temperature:	No data available.
SADT:	No data available.
Viscosity:	No data available.
Explosive properties:	No data available.
Oxidizing properties:	No data available.

9.2 Other information

VOC Content:	EC Directive 1999/13: 0.03 g/l ~0.00 % (calculated)
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10. Stability & Reactivity

10.1 Reactivity:	Stable under normal temperature conditions and recommended use.
10.2 Chemical Stability:	Material is stable under normal conditions.
10.3 Possibility of hazardous reactions:	None under normal conditions.
10.4 Conditions to avoid:	Avoid heat or contamination. Do not freeze.
10.5 Incompatible Materials:	Strong acids. Strong oxidizing substances. Strong bases.
10.6 Hazardous Decomposition Products:	By fire, toxic gases may be formed (COx, NOx).

11. Toxicological Information

Information on likely routes of exposure

Inhalation:	None under normal conditions.
Skin Contact:	Causes skin irritation.
Eye contact:	Causes serious eye irritation.
Ingestion:	May be ingested by accident. Ingestion may cause irritation and malaise.

11.1 Information on toxicological effects

Acute toxicity

Oral

Product:	ATEmix: 19,444.440000 mg/kg
Specified substance(s)	
BENZALKONIUM	LD 50 (Rat): 350.000000 mg/kg
CHLORIDE	

Dermal

Product:	Not classified for acute toxicity based on available data.
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Specified substance(s) BENZALKONIUM CHLORIDE	No data available.
Inhalation	
Product:	Not classified for acute toxicity based on available data.
Specified substance(s) BENZALKONIUM CHLORIDE	No data available.
Repeated dose toxicity	
Product:	No data available.
Specified substance(s) BENZALKONIUM CHLORIDE	No data available.
Skin Corrosion/Irritation:	
Product:	Causes skin irritation.
Specified substance(s) BENZALKONIUM CHLORIDE	No data available.
Serious Eye Damage/Eye Irritation:	
Product:	Causes serious eye irritation.
Specified substance(s) BENZALKONIUM CHLORIDE	No data available.
Respiratory or Skin Sensitization:	
Product:	Based on available data, the classification criteria are not met.
Specified substance(s) BENZALKONIUM CHLORIDE	No data available.
Germ Cell Mutagenicity	
In vitro	
Product:	Based on available data, the classification criteria are not met.
Specified substance(s) BENZALKONIUM CHLORIDE	No data available.
In vivo	
Product:	Based on available data, the classification criteria are not met.
Specified substance(s) BENZALKONIUM CHLORIDE	No data available.
Carcinogenicity	
Product:	No data available.

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Specified substance(s)
BENZALKONIUM
CHLORIDE

No data available.

Reproductive toxicity
Product:

No data available.

Specified substance(s)
BENZALKONIUM
CHLORIDE

No data available.

Specific Target Organ Toxicity - Single Exposure
Product:

Based on available data, the classification criteria are not met.

Specified substance(s)
BENZALKONIUM
CHLORIDE

No data available.

Specific Target Organ Toxicity - Repeated Exposure
Product:

Based on available data, the classification criteria are not met.

Specified substance(s)
BENZALKONIUM
CHLORIDE

No data available.

Aspiration Hazard
Product:

Based on available data, the classification criteria are not met.

Specified substance(s)
BENZALKONIUM
CHLORIDE

No data available.

12. Ecological Information

General information:

Contains a substance which causes risk of hazardous effects to the environment. This material has not been tested for environmental effects.

12.1 Toxicity

Acute toxicity

Fish
Product:

Based on available data, the classification criteria are not met.

Specified substance(s)
BENZALKONIUM
CHLORIDE

No data available.

Aquatic Invertebrates
Product:

Based on available data, the classification criteria are not met.

Specified substance(s)

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Emergency phone no. 01342 870900

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BENZALKONIUM
CHLORIDE

EC 50 (Daphnia magna, 48.0 h): 0.016000 mg/l

Chronic Toxicity

Fish

Product: No data available.

Specified substance(s)

BENZALKONIUM
CHLORIDE No data available.

Aquatic Invertebrates

Product: No data.

Specified substance(s)

BENZALKONIUM
CHLORIDE NOEC (Daphnia magna, 21.0 d): 0.004150 mg/l (Static renewal)

Toxicity to Aquatic Plants

Product: Based on available data, the classification criteria are not met.

Specified substance(s)

BENZALKONIUM
CHLORIDE No data available.

12.2 Persistence and Degradability

Biodegradation

Product: 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 components 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 mixture is used as directed.

Specified substance(s)

BENZALKONIUM
CHLORIDE No data available.

BOD/COD Ratio

Product No data available.

Specified substance(s)

BENZALKONIUM
CHLORIDE No data available.

12.3 Bioaccumulative potential

Product: The product is not bioaccumulating.

Specified substance(s)

BENZALKONIUM
CHLORIDE No data available.

12.4 Mobility in soil:

No data available.

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Emergency phone no. 01342 870900

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Known or predicted distribution to environmental compartments

BENZALKONIUM No data available.
CHLORIDE

12.5 Results of PBT and vPvB assessment: Based on available data, the classification criteria are not met.

BENZALKONIUM No data available.
CHLORIDE

12.6 Other adverse effects: Harmful to aquatic life with long lasting effects.

12.7 Additional Information: No data available.

13. Disposal

13.1 Waste treatment methods

General information: Dispose of contents/container in accordance with local requirements for domestic waste disposal.

Disposal methods: Discharge, treatment, or disposal may be subject to national, state, or local laws.

14. Transport Information

ADR

Not regulated.

ADN

Not regulated.

RID

Not regulated.

IMDG

Not regulated.

IATA

Not regulated.

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code: not applicable

15. Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

EU Regulations

Regulation (EC) No. 2037/2000 Substances that deplete the ozone layer: none

Regulation (EC) No. 850/2004 on persistent organic pollutants: none

Regulation (EC) No. 689/2008 Import and export of dangerous chemicals: none

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorisation, as amended: none

Regulation (EC) No. 1907/2006, REACH, Annex XVII Substances subject to restriction on marketing and use: none

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Directive 2004/37/EC on the protection of workers from the risks related to exposure to carcinogens and mutagens at work.: none

Directive 92/85/EEC: on the safety and health of pregnant workers and workers who have recently given birth or are breast feeding.: none

Directive 96/82/EC (Seveso III): on the control of major accident hazards involving dangerous substances: none

EU. Regulation No. 166/2006 PRTR (Pollutant Release and Transfer Registry), Annex II: Pollutants: none

Directive 98/24/EC on the protection of workers from the risks related to chemical agents at work: none

15.2 Chemical safety assessment: No Chemical Safety Assessment has been carried out.

International regulations

Montreal protocol

Stockholm convention

Rotterdam convention

Kyoto protocol

16. Other Information

Revision Information: Not relevant.

References

PBT PBT: persistent, bioaccumulative and toxic substance.
vPvB vPvB: very persistent and very bioaccumulative substance.

Key literature references and sources for data: No data available.

Wording of the H-statements in section 2 and 3

H290	May be corrosive to metals.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Training information: No data available.

Classification according to Regulation (EC) No 1272/2008 as amended.

Skin Irrit. 2, H315

Eye Irrit. 2, H319

Aquatic Chronic 3, H412

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DetNet Classification

Not relevant.

Logging Number:

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UN000000000016133647-1060-1-01

Disclaimer:

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.

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