

Marks & Spencer Homecare Products Ingredients and Safety Data Sheet

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

Product Name: M&S Multi Purpose Cleaner Citrus Fresh

UPC: 677509

Series Number:

Product No.: 0016133675

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

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.

Label Elements



Signal Word: Warning

Hazard Statement(s): 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: P273: Avoid release to the environment. P271: Use only outdoors or in a well-ventilated area.
P260: Do not breathe mist.
P264: Wash hands thoroughly after handling.

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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.

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.
C9-11 PARETH-8	CAS:68439-46-3	1-<3%	Acute Tox.: 4: Eye Dam.: 1:	H302 H318
QUATERNARY AMMONIUM COMPOUNDS, C12-18-ALKYL(HYDROXYETHYL) DIMETHYL, CHLORIDES	CAS: 85736-63-6 EC:288-474-7	0.1-<1%	Acute Tox.: 4: Skin Corr.: 1C: STOT RE: 2: Aquatic Acute: 1: Aquatic Chronic: 2:	H302 H314 H373 H400 H411
BENZALKONIUM CHLORIDE	CAS:68424-85-1 EC:270-325-2	0.25-<1%	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

Inhalation: Move to fresh air.

Skin Contact: Flush skin thoroughly with water.

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.

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4.3 Indication of any immediate medical attention and special treatment needed

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:

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:

Stop the flow of material, if this is without risk. Absorb with sand or other inert absorbent.

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:

No data available.

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:

Orange

Odor:

citrus - others

Odor Threshold:

No data available.

pH:

10.00

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: 9.65 g/l ~0.97 % (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:	Mildly irritating to skin with prolonged exposure.
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: 26,315.790000 mg/kg
Specified substance(s)	

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C9-11 PARETH-8 QUATERNARY AMMONIUM COMPOUNDS, C12-18- ALKYL(HYDROXYETHY L)DIMETHYL, CHLORIDES BENZALKONIUM CHLORIDE	No data available. LD 50 (Rat): 1,250.000000 mg/kg LD 50 (Rat): 350.000000 mg/kg
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Dermal

Product: Not classified for acute toxicity based on available data.

Specified substance(s)

C9-11 PARETH-8	No data available.
QUATERNARY	No data available.
AMMONIUM	
COMPOUNDS, C12- 18-	
ALKYL(HYDROXYETH YL)DIMETHYL, CHLORIDES	
BENZALKONIUM	No data available.
CHLORIDE	

Inhalation

Product: Not classified for acute toxicity based on available data.

Specified substance(s)

C9-11 PARETH-8	No data available.
QUATERNARY	No data available.
AMMONIUM	
COMPOUNDS, C12-18- ALKYL(HYDROXYETHY L)DIMETHYL, CHLORIDES	
BENZALKONIUM	No data available.
CHLORIDE	

Repeated dose toxicity

Product: No data available.

Specified substance(s)

C9-11 PARETH-8	No data available.
QUATERNARY	No data available.
AMMONIUM	
COMPOUNDS, C12-18- ALKYL(HYDROXYETHY L)DIMETHYL, CHLORIDES	
BENZALKONIUM	No data available.
CHLORIDE	

Skin Corrosion/Irritation:

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

Specified substance(s)

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C9-11 PARETH-8	No data available.
QUATERNARY	No data available.
AMMONIUM	
COMPOUNDS, C12-18-	
ALKYL(HYDROXYETHYL)DIMETHYL,	
CHLORIDES	
BENZALKONIUM	No data available.
CHLORIDE	

Serious Eye Damage/Eye Irritation:

Product: Causes serious eye irritation.

Specified substance(s)

C9-11 PARETH-8	No data available.
QUATERNARY	No data available.
AMMONIUM	
COMPOUNDS, C12-18-	
ALKYL(HYDROXYETHYL)DIMETHYL,	
CHLORIDES	
BENZALKONIUM	No data available.
CHLORIDE	

Respiratory or Skin Sensitization:

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

Specified substance(s)

C9-11 PARETH-8	No data available.
QUATERNARY	No data available.
AMMONIUM	
COMPOUNDS, C12-18-	
ALKYL(HYDROXYETHYL)DIMETHYL,	
CHLORIDES	
BENZALKONIUM	No data available.
CHLORIDE	

Germ Cell Mutagenicity

In vitro

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

Specified substance(s)

C9-11 PARETH-8	No data available.
QUATERNARY	No data available.
AMMONIUM	
COMPOUNDS, C12-18-	
ALKYL(HYDROXYETHYL)DIMETHYL,	
CHLORIDES	

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BENZALKONIUM CHLORIDE	No data available.
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In vivo

Product:	Based on available data, the classification criteria are not met.
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Specified substance(s)

C9-11 PARETH-8	No data available.
QUATERNARY AMMONIUM COMPOUNDS, C12-18- ALKYL(HYDROXYETHY L)DIMETHYL, CHLORIDES	No data available.
BENZALKONIUM CHLORIDE	No data available.

Carcinogenicity

Product:	No data available.
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Specified substance(s)

C9-11 PARETH-8	No data available.
QUATERNARY AMMONIUM COMPOUNDS, C12-18- ALKYL(HYDROXYETHY L)DIMETHYL, CHLORIDES	No data available.
BENZALKONIUM CHLORIDE	No data available.

Reproductive toxicity

Product:	No data available.
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Specified substance(s)

C9-11 PARETH-8	No data available.
QUATERNARY AMMONIUM COMPOUNDS, C12-18- ALKYL(HYDROXYETHY L)DIMETHYL, CHLORIDES	No data available.
BENZALKONIUM CHLORIDE	No data available.

Specific Target Organ Toxicity - Single Exposure

Product:	Based on available data, the classification criteria are not met.
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Specified substance(s)

C9-11 PARETH-8	No data available.
QUATERNARY AMMONIUM COMPOUNDS, C12-18- ALKYL(HYDROXYETHY L)DIMETHYL, CHLORIDES	No data available.

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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)

C9-11 PARETH-8 No data available.
QUATERNARY No data available.
AMMONIUM
COMPOUNDS, C12-18-
ALKYL(HYDROXYETHY
L)DIMETHYL,
CHLORIDES
BENZALKONIUM No data available.
CHLORIDE

Aspiration Hazard

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

Specified substance(s)

C9-11 PARETH-8 No data available.
QUATERNARY No data available.
AMMONIUM
COMPOUNDS, C12-18-
ALKYL(HYDROXYETHY
L)DIMETHYL,
CHLORIDES
BENZALKONIUM No data available.
CHLORIDE

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)

C9-11 PARETH-8 No data available.
QUATERNARY No data available.
AMMONIUM
COMPOUNDS, C12-18-
ALKYL(HYDROXYETHY
L)DIMETHYL,
CHLORIDES
BENZALKONIUM No data available.
CHLORIDE

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Aquatic Invertebrates**Product:**

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

Specified substance(s)

C9-11 PARETH-8

No data available.

QUATERNARY

EC 50 (Daphnia magna, 48.0 h): 0.190000 mg/l (semi-static)

AMMONIUM

COMPOUNDS, C12-18-

ALKYL(HYDROXYETHY

L)DIMETHYL,

CHLORIDES

BENZALKONIUM

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

CHLORIDE

Chronic Toxicity**Fish****Product:**

No data available.

Specified substance(s)

C9-11 PARETH-8

No data available.

QUATERNARY

No data available.

AMMONIUM

COMPOUNDS, C12-18-

ALKYL(HYDROXYETHY

L)DIMETHYL,

CHLORIDES

BENZALKONIUM

No data available.

CHLORIDE

Aquatic Invertebrates**Product:**

No data.

Specified substance(s)

C9-11 PARETH-8

No data available.

QUATERNARY

NOEC (Daphnia magna, 21.0 d): 0.100000 mg/l (semi-static)

AMMONIUM

COMPOUNDS, C12-18-

ALKYL(HYDROXYETHY

L)DIMETHYL,

CHLORIDES

BENZALKONIUM

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

CHLORIDE

Toxicity to Aquatic Plants**Product:**

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

Specified substance(s)

C9-11 PARETH-8

No data available.

QUATERNARY

No data available.

AMMONIUM

COMPOUNDS, C12-18-

ALKYL(HYDROXYETHY

L)DIMETHYL,

CHLORIDES

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BENZALKONIUM CHLORIDE	No data available.
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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)

C9-11 PARETH-8 QUATERNARY AMMONIUM COMPOUNDS, C12-18- ALKYL(HYDROXYETHY L)DIMETHYL, CHLORIDES BENZALKONIUM CHLORIDE	No data available. 87.000000 % No data available.
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BOD/COD Ratio

Product

No data available.

Specified substance(s)

C9-11 PARETH-8 QUATERNARY AMMONIUM COMPOUNDS, C12-18- ALKYL(HYDROXYETHY L)DIMETHYL, CHLORIDES BENZALKONIUM CHLORIDE	No data available. No data available. No data available.
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12.3 Bioaccumulative potential

Product:

The product is not bioaccumulating.

Specified substance(s)

C9-11 PARETH-8 QUATERNARY AMMONIUM COMPOUNDS, C12-18- ALKYL(HYDROXYETHY L)DIMETHYL, CHLORIDES BENZALKONIUM CHLORIDE	No data available. No data available. No data available.
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12.4 Mobility in soil:

No data available.

Known or predicted distribution to environmental compartments

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C9-11 PARETH-8	No data available.
QUATERNARY	No data available.
AMMONIUM	
COMPOUNDS, C12-18-	
ALKYL(HYDROXYETHYL)	
DIMETHYL, CHLORIDES	
BENZALKONIUM	No data available.
CHLORIDE	

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

C9-11 PARETH-8	No data available.
QUATERNARY	No data available.
AMMONIUM	
COMPOUNDS, C12-18-	
ALKYL(HYDROXYETHYL)	
DIMETHYL, CHLORIDES	
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:

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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

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.

H318

Causes serious eye damage.

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H319	Causes serious eye irritation.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	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.

Eye Irrit. 2, H319

Aquatic Chronic 3, H412

DetNet Classification Not relevant.

Logging Number:

Issue Date: 31.01.2017

SDS No.: UN000000000016133675-1060-1-01

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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