

Marks & Spencer Homecare Products Ingredients and Safety Data Sheet

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

Product Name: M&S Rinse Aid Citrus Fresh

UPC: 841825

Series Number:

Product No.: 0016133890

2. Hazard Identification

2.1 Classification of the substance or mixture

The product has not been classified as hazardous according to the legislation in force.

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

Not classified

Label Elements

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.

Supplemental label information

EUH208: Contains

METHYLCHLOROISOTHIAZOLINONE AND
METHYLISOTHIAZOLINONE

. May produce an allergic reaction.

2.3 Other hazards

No data available.

3. Composition / Information On Ingredients

| Ingredients | CAS/EINECS | % e.g. 10-20% | Hazard | Risk No. |
|-------------|------------|------------------|--------|----------|
| | | | | |

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| | | | | |
|---|---------------------------------|----------------|---|--|
| SODIUM P-CUMENESULPHONATE | CAS: 15763-76-5 EC:239-854-6 | 1 - <5% | Eye Dam.: 2: | H319 |
| CITRIC ACID | EC: 201-069-1 | 1 - <5% | Eye Irrit.: 2A | H319 |
| METHYLCHLOROISOTHIAZOLINONE AND METHYLISOTHIAZOLINONE | | >=1.5 - <15PPM | Acute Tox.: 3: Acute Tox.: 3: Acute Tox.: 3: Skin Corr.: 1B: Skin Sens.: 1: Aquatic Acute: 1: Aquatic Chronic: 1: | H331 H311 H301 H314 H317 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. |
| 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

| | |
|-------------------|--|
| 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. |
|---|---|

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**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):

To aid rinsing of dishes and kitchenware in automatic dishwashers

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.

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| | |
|--------------------------------|--|
| 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: | Yellow |
| Odor: | citrus - lemon |
| Odor Threshold: | No data available. |
| pH: | 2.50 (20.00 °C) |
| Freezing point: | No data available. |
| Boiling Point: | > 70.00 °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. |
| Relative density: | 1.0150 (20.00 °C) |
| 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: 0.34 g/l ~0.03 % (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 (CO _x , NO _x). |

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: | May cause temporary eye irritation. |
| Ingestion: | May be ingested by accident. Ingestion may cause irritation and malaise. |

11.1 Information on toxicological effects

Acute toxicity

Oral

| | |
|---|--|
| Product: | Not classified for acute toxicity based on available data. |
| Specified substance(s) | |
| SODIUM P-CUMENESULPHONATE | No data available. |
| CITRIC ACID | No data available. |
| METHYLCHLOROISOTHIAZOLINONE AND METHYLISOTHIAZOLINONE | No data available. |

Dermal

| | |
|---|--|
| Product: | Not classified for acute toxicity based on available data. |
| Specified substance(s) | |
| SODIUM P-CUMENESULPHONATE | No data available. |
| CITRIC ACID | No data available. |
| METHYLCHLOROISOTHIAZOLINONE AND METHYLISOTHIAZOLINONE | No data available. |

Inhalation

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

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Specified substance(s)

| | |
|---|--------------------|
| SODIUM P-CUMENESULPHONATE | No data available. |
| CITRIC ACID | No data available. |
| METHYLCHLOROISOTHIAZOLINONE AND METHYLISOTHIAZOLINONE | No data available. |

Repeated dose toxicity

| | |
|-----------------|--------------------|
| Product: | No data available. |
|-----------------|--------------------|

Specified substance(s)

| | |
|---|--------------------|
| SODIUM P-CUMENESULPHONATE | No data available. |
| CITRIC ACID | No data available. |
| METHYLCHLOROISOTHIAZOLINONE AND METHYLISOTHIAZOLINONE | No data available. |

Skin Corrosion/Irritation:

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

Specified substance(s)

| | |
|---|--|
| SODIUM P-CUMENESULPHONATE | No data available. |
| CITRIC ACID | in vivo (Rabbit): Experimental result, Key study |
| METHYLCHLOROISOTHIAZOLINONE AND METHYLISOTHIAZOLINONE | No data available. |

Serious Eye Damage/Eye Irritation:

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

Specified substance(s)

| | |
|---|--------------------|
| SODIUM P-CUMENESULPHONATE | No data available. |
| CITRIC ACID | No data available. |
| METHYLCHLOROISOTHIAZOLINONE AND METHYLISOTHIAZOLINONE | No data available. |

Respiratory or Skin**Sensitization:**

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

Specified substance(s)

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| | |
|---|--------------------|
| SODIUM P-CUMENESULPHONATE | No data available. |
| CITRIC ACID | No data available. |
| METHYLCHLOROISOTHIAZOLINONE AND METHYLISOTHIAZOLINONE | No data available. |

Germ Cell Mutagenicity

In vitro

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

Specified substance(s)

| | |
|---|--------------------|
| SODIUM P-CUMENESULPHONATE | No data available. |
| CITRIC ACID | No data available. |
| METHYLCHLOROISOTHIAZOLINONE AND METHYLISOTHIAZOLINONE | No data available. |

In vivo

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

Specified substance(s)

| | |
|---|--------------------|
| SODIUM P-CUMENESULPHONATE | No data available. |
| CITRIC ACID | No data available. |
| METHYLCHLOROISOTHIAZOLINONE AND METHYLISOTHIAZOLINONE | No data available. |

Carcinogenicity

Product: No data available.

Specified substance(s)

| | |
|---|--------------------|
| SODIUM P-CUMENESULPHONATE | No data available. |
| CITRIC ACID | No data available. |
| METHYLCHLOROISOTHIAZOLINONE AND METHYLISOTHIAZOLINONE | No data available. |

Reproductive toxicity

Product: No data available.

Specified substance(s)

| | |
|---------------------------|--------------------|
| SODIUM P-CUMENESULPHONATE | No data available. |
| CITRIC ACID | No data available. |

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METHYLCHLOROISOTHIAZOLINONE AND METHYLISOTHIAZOLINONE No data available.

Specific Target Organ Toxicity - Single Exposure

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

Specified substance(s)

SODIUM P-CUMENESULPHONATE No data available.
CITRIC ACID No data available.
METHYLCHLOROISOTHIAZOLINONE AND METHYLISOTHIAZOLINONE No data available.

Specific Target Organ Toxicity - Repeated Exposure

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

Specified substance(s)

SODIUM P-CUMENESULPHONATE No data available.
CITRIC ACID No data available.
METHYLCHLOROISOTHIAZOLINONE AND METHYLISOTHIAZOLINONE No data available.

Aspiration Hazard

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

Specified substance(s)

SODIUM P-CUMENESULPHONATE No data available.
CITRIC ACID No data available.
METHYLCHLOROISOTHIAZOLINONE AND METHYLISOTHIAZOLINONE No data available.

12. Ecological Information

12.1 Toxicity

Acute toxicity

Fish

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

Specified substance(s)

SODIUM P-CUMENESULPHONATE No data available.
CITRIC ACID No data available.

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METHYLCHLOROISOTHIAZOLINONE AND METHYLISOTHIAZOLINONE

No data available.

Aquatic Invertebrates

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

Specified substance(s)

SODIUM P-CUMENESULPHONATE

No data available.

CITRIC ACID

No data available.

METHYLCHLOROISOTHIAZOLINONE AND METHYLISOTHIAZOLINONE

No data available.

Chronic Toxicity

Fish

Product: No data available.

Specified substance(s)

SODIUM P-CUMENESULPHONATE

No data available.

CITRIC ACID

No data available.

METHYLCHLOROISOTHIAZOLINONE AND METHYLISOTHIAZOLINONE

No data available.

Aquatic Invertebrates

Product: No data available.

Specified substance(s)

SODIUM P-CUMENESULPHONATE

No data available.

CITRIC ACID

No data available.

METHYLCHLOROISOTHIAZOLINONE AND METHYLISOTHIAZOLINONE

No data available.

Toxicity to Aquatic Plants

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

Specified substance(s)

SODIUM P-CUMENESULPHONATE

No data available.

CITRIC ACID

No data available.

METHYLCHLOROISOTHIAZOLINONE AND METHYLISOTHIAZOLINONE

No data available.

12.2 Persistence and Degradability

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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)

| | |
|---|--------------------|
| SODIUM P-CUMENESULPHONATE | No data available. |
| CITRIC ACID | No data available. |
| METHYLCHLOROISOTHIAZOLINONE AND METHYLISOTHIAZOLINONE | No data available. |

BOD/COD Ratio**Product**

No data available.

Specified substance(s)

| | |
|---|--------------------|
| SODIUM P-CUMENESULPHONATE | No data available. |
| CITRIC ACID | No data available. |
| METHYLCHLOROISOTHIAZOLINONE AND METHYLISOTHIAZOLINONE | No data available. |

12.3 Bioaccumulative potential**Product:**

The product is not bioaccumulating.

Specified substance(s)

| | |
|---|--------------------|
| SODIUM P-CUMENESULPHONATE | No data available. |
| CITRIC ACID | No data available. |
| METHYLCHLOROISOTHIAZOLINONE AND METHYLISOTHIAZOLINONE | No data available. |

12.4 Mobility in soil:

No data available.

Known or predicted distribution to environmental compartments

| | |
|---|--------------------|
| SODIUM P-CUMENESULPHONATE | No data available. |
| CITRIC ACID | No data available. |
| METHYLCHLOROISOTHIAZOLINONE AND METHYLISOTHIAZOLINONE | No data available. |

12.5 Results of PBT and vPvB assessment:

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

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| | |
|---|--------------------|
| SODIUM P-CUMENESULPHONATE | No data available. |
| CITRIC ACID | No data available. |
| METHYLCHLOROISOTHIAZOLINONE AND METHYLISOTHIAZOLINONE | No data available. |

12.6 Other adverse effects: None known.

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: Wash before disposal. Dispose to controlled facilities.

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

Directive 2004/37/EC on the protection of workers from the risks related to exposure to

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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

H319 Causes serious eye irritation.

Training information: No data available.

DetNet Classification Not relevant.

Logging Number:

Issue Date: 29.06.2017

SDS No.: UN000000000016133890-1060-1-01

Disclaimer: This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.

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