

Safety Data Sheet

According to Australian CoP Preparation of Safety Data Sheets for Hazardous Chemicals, Feb 2016 and New Zealand HSNO CoP 8-1 09-06



Mr Muscle FRESH GREEN APPLE - HOUSEHOLD GRADE DISINFECTANT

Version 1.0

Print Date 28.09.2022

Revision Date 18.05.2020

SDS Number 350000038580

GEN_SOF Number 69124

1. PRODUCT AND COMPANY IDENTIFICATION

| | | |
|--------------------------------------|---|--|
| Product identifier | : | Mr Muscle FRESH GREEN APPLE - HOUSEHOLD GRADE DISINFECTANT |
| Other means of Identification | : | 350000038580 |
| Recommended use | : | Disinfectant |
| Restrictions on use | : | Use only as directed on label |
| Australia | : | S.C. Johnson & Son Pty. Ltd. ABN 71. 000 021 009 160 Epping Road, Lane Cove, N.S.W. 2066. Australia Telephone: +61 2 9428 9111 |
| New Zealand | : | S.C. Johnson & Son Pty. Ltd 79 Queen Street Auckland 1010 New Zealand Telephone: +64 9 573 2850 |
| Emergency telephone numbers | : | Australia: (8:30am – 17:30pm Mon-Thurs, 8:30am – 17:00pm Fri AEST) +61 2 9428 9111 New Zealand: (9:00am – 14:00pm Mon-Fri NZDT) +64 9 573 2850 |
| Poison Information Contacts | : | Australia: 13 11 26 New Zealand : 0800 764 766 or 0800 POISON |

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Statement of Hazardous Nature (Australia)

Globally Harmonized System (GHS) Classification

No Hazards identified.

* Classification not adopted by Australia

^ Classification only triggered in Australia if 'Schedule 6 of WHS Regulations' met. Contact SCJ Consumer Advice number listed on product label if required.

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Statement of Hazardous Nature (New Zealand)

Labelling - Australia **

Precautionary statements

(P102) Keep out of reach of children.

Other hazards : None identified

** The information supplied is designed for products predominately used in workplaces; whereas consumer product labels comply with the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) labelling requirements, under The Australian CoP Labelling of Workplace Hazardous Chemicals (March 2015).

Labelling- New Zealand

Refer Australian labelling above.

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical name | CAS-No. | Weight percent |
|---------------------------------|----------|----------------|
| Ethyleneglycol Monohexylether | 112-25-4 | 1.00 - 5.00 |
| Other non-hazardous ingredients | various | Balance to 100 |

4. FIRST AID MEASURES

Description of first aid measures

Eye contact : No special requirements

Skin contact : No special requirements

Inhalation : No special requirements.

Ingestion : No special requirements

Most important symptoms and effects, both acute and delayed

Indication of any immediate medical : See Description of first aid measures unless otherwise stated.

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attention and special
treatment needed

5. FIREFIGHTING MEASURES

- Suitable extinguishing media** : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Specific hazards arising from substance** : Container may melt and leak in heat of fire.
- Special protective equipment and precautions for fire fighters** : Fight fire with normal precautions from a reasonable distance. Standard procedure for chemical fires. Wear full protective clothing and positive pressure self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures** : Wash thoroughly after handling.
- Environmental precautions** : Outside of normal use, avoid release to the environment.
- Methods and materials for containment and cleaning up** : Dike large spills.
Clean residue from spill site.

7. HANDLING AND STORAGE

- Handling**
- Precautions for safe handling** : Avoid contact with skin, eyes and clothing.
For personal protection see section 8.
KEEP OUT OF REACH OF CHILDREN AND PETS.
- Advice on protection against fire and explosion** : Normal measures for preventive fire protection.

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Storage

Requirements for storage areas and containers : Keep container closed when not in use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

ACGIH or OSHA exposure limits have not been established for this product or reportable ingredients unless noted in the table above.

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Personal protective equipment

Respiratory protection : No special requirements.

Hand protection : No special requirements.

Eye protection : No special requirements.

Skin and body protection : No special requirements.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form : liquid

Color : blue green

Odor : pleasant
mild

Odour Threshold : No data available

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| | |
|---|--|
| pH | : 3.2 |
| Melting point/freezing point | : 32 °F |
| Initial boiling point and boiling range | : No data available |
| Flash point | : > 97 °C > 206.6 °F Method: Pensky Martens closed cup |
| Evaporation rate | : No data available |
| Flammability (solid, gas) | : Does not sustain combustion. |
| Upper/lower flammability or explosive limits | : No data available |
| Vapour pressure | : similar to water |
| Vapour density | : No data available |
| Relative density | : No data available |
| Solubility(ies) | : completely soluble |
| Partition coefficient: n-octanol/water | : No data available |
| Auto-ignition temperature | : not auto-flammable |
| Decomposition temperature | : No data available |

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Viscosity, dynamic : similar to water

Viscosity, kinematic : No data available

Oxidizing properties : No data available

Other information : None identified

10. STABILITY AND REACTIVITY

Reactivity : No dangerous reaction known under conditions of normal use.

Chemical stability : No decomposition if stored normally.

Possibility of hazardous reactions : Stable under recommended storage conditions.

Conditions to avoid : Direct sources of heat.

Incompatible materials : None known.

Hazardous decomposition products : Thermal decomposition can lead to release of irritating gases and vapours.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : LD50 > 5000 mg/kg

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Acute inhalation toxicity : LC50 > 5.1 mg/L

Acute dermal toxicity : LD50 > 5000 mg/kg

| GHS Properties | Classification | Routes of entry |
|--|----------------------------|----------------------------|
| Acute toxicity | No classification proposed | Oral |
| Acute toxicity | No classification proposed | Dermal |
| Acute toxicity | No classification proposed | Inhalation - Dust and Mist |
| Acute toxicity | No classification proposed | Inhalation - Vapour |
| Acute toxicity | No classification proposed | Inhalation - Gas |
| Skin corrosion/irritation | No classification proposed | - |
| Serious eye damage/eye irritation | No classification proposed | - |
| Skin sensitisation [^] | No classification proposed | - |
| Respiratory sensitisation [^] | No classification proposed | - |
| Germ cell mutagenicity | No classification proposed | - |
| Carcinogenicity | No classification proposed | - |
| Reproductive toxicity | No classification proposed | - |
| Specific target organ toxicity - single exposure | No classification proposed | - |
| Specific target organ toxicity - repeated | No classification proposed | - |

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| | | |
|-------------------|----------------------------|---|
| exposure | | |
| Aspiration hazard | No classification proposed | - |

Aggravated Medical Condition : None known.

* Classification not adopted by Australia

^ Classification only triggered in Australia if 'Schedule 6 of WHS Regulations' met. Contact SCJ Consumer Advice number listed on product label if required.

12. ECOLOGICAL INFORMATION

Product : The product itself has not been tested.

Toxicity

The ingredients in this formula have been reviewed and no adverse impact to the environment is expected when used according to label directions.

Toxicity to fish

| Components | End point | Species | Value | Exposure time |
|-------------------------------|------------------|--------------------------------------|----------|---------------|
| Ethyleneglycol Monohexylether | static test LC50 | Pimephales promelas (fathead minnow) | 140 mg/l | 96 h |

Toxicity to aquatic invertebrates

| Components | End point | Species | Value | Exposure time |
|-------------------------------|------------------|----------------------------|----------|---------------|
| Ethyleneglycol Monohexylether | static test EC50 | Daphnia magna (Water flea) | 145 mg/l | 48 h |

Toxicity to aquatic plants

| Components | End point | Species | Value | Exposure time |
|-------------------------------|-------------|------------|---------|---------------|
| Ethyleneglycol Monohexylether | static test | Desmodemus | 147.128 | 96 h |

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| | | | | |
|--|------|---------------------------|------|--|
| | EC50 | subspicatus (green algae) | mg/l | |
|--|------|---------------------------|------|--|

Persistence and degradability

| Component | Biodegradation | Exposure time | Summary |
|-------------------------------|----------------|---------------|------------------------|
| Ethyleneglycol Monohexylether | 96.8 % | 20 d | Readily biodegradable. |

Bioaccumulative potential

| Component | Bioconcentration factor (BCF) | Partition Coefficient n-Octanol/water (log) |
|-------------------------------|-------------------------------|---|
| Ethyleneglycol Monohexylether | 5.8 estimated | 1.97 |

Mobility

| Component | End point | Value |
|-------------------------------|-----------|--------------|
| Ethyleneglycol Monohexylether | Koc | 10 estimated |

PBT and vPvB assessment

| Component | Results |
|-------------------------------|--------------------------------------|
| Ethyleneglycol Monohexylether | Not fulfilling PBT and vPvB criteria |

Other adverse effects : None known.

13. DISPOSAL CONSIDERATIONS

Safe handling and disposal methods : Consumer may discard empty container in trash, or recycle where facilities exist.

Disposal of any contaminated packaging : Do not re-use empty containers.

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14. TRANSPORT INFORMATION

Please refer to the Bill of Lading/receiving documents for up-to-date shipping information.

Land transport

Not classified as dangerous in the meaning of transport regulations.

Sea transport

Not classified as dangerous in the meaning of transport regulations.

Air transport

Not classified as dangerous in the meaning of transport regulations.

[§] **Land transport:** Classification based on UN Recommendations on the Transport of Dangerous Goods. Local regulations under the Australian Dangerous Goods Code (ADG) and/or the New Zealand Land Transport Rule Dangerous Goods should be applied prior to transportation of goods.

15. REGULATORY INFORMATION

Poisons Schedule (Australia): : NOT SCHEDULED

HSNO Approval Number (NZ): : : Not applicable

16. OTHER INFORMATION

Revision Date: 18.05.2020

Key abbreviations or acronyms used

ADG: The Australian Code for the Transport of Dangerous Goods by Road and Rail

NZ LTR: The New Zealand Land Transport Rule: Dangerous Goods 2005

HSNO: Hazardous Substances and New Organisms Act 1996 (New Zealand)

IATA: International Air Transport Association

IMDG: International Maritime Dangerous Goods

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SUSMP: Standard for the Uniform Scheduling of Medicines and Poisons (Australia)

Further information

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| Prepared by | SC Johnson Global Safety Assessment & Regulatory Affairs (GSARA) |
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