

Safety Data Sheet

According to Australian CoP Preparation of Safety Data Sheets for Hazardous Chemicals, Jul 2020 and New Zealand HSNO



Mr Muscle Multi-Purpose, Household Grade Disinfectant - Fresh Green Apple

Version 1.2

Print Date 25.11.2024

Revision Date 17.07.2024

SDS Number 350000038580

GEN_SOF Number 69124

1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier : Mr Muscle Multi-Purpose, Household Grade Disinfectant - Fresh Green Apple

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

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

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
Ethylene glycol 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

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Indication of any immediate medical attention and special treatment needed : See Description of first aid measures unless otherwise stated.

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.

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KEEP OUT OF REACH OF CHILDREN AND PETS.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

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

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mild

Odour Threshold : Test not applicable for this product type

pH : 3.2

Melting point/freezing point : 32 °F

Initial boiling point and boiling range : Test not applicable for this product type

Flash point : > 97 °C
> 206.6 °F
Method: Pensky Martens closed cup

Evaporation rate : Test not applicable for this product type

Flammability (solid, gas) : Does not sustain combustion.

Upper/lower flammability or explosive limits : Test not applicable for this product type

Vapour pressure : similar to water

Vapour density : No data available

Relative density : 1 g/cm3 estimated

Solubility(ies) : completely soluble

Partition coefficient: n- : Test not applicable for this product type

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octanol/water

Auto-ignition temperature : not auto-flammable

Decomposition temperature : The substance or mixture is not classified self-reactive.

Viscosity, dynamic : similar to water

Viscosity, kinematic : similar to water

Oxidizing properties : Test not applicable for this product type

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 : Thermal decomposition can lead to release of irritating gases

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products and vapours.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : LD50 > 5000 mg/kg

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 irritation	No classification proposed	-
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	-

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Reproductive toxicity	No classification proposed	-
Specific target organ toxicity - single exposure	No classification proposed	-
Specific target organ toxicity - repeated exposure	No classification proposed	-
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	Daphnia magna (Water)	145 mg/l	48 h

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	EC50	flea)		
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Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
Ethyleneglycol Monohexylether	static test EC50	Desmodesmus subspicatus (green algae)	147.128 mg/l	96 h

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.

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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.

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

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16. OTHER INFORMATION

Revision Date: 17.07.2024

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

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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