

## 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

<b>Product identifier</b>	: Mr Muscle Multi-Purpose, Household Grade Disinfectant - Fresh Green Apple
<b>Other means of Identification</b>	: 350000038580
<b>Recommended use</b>	: Disinfectant
<b>Restrictions on use</b>	: Use only as directed on label
<b>Australia</b>	: 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
<b>New Zealand</b>	: S.C. Johnson & Son Pty. Ltd 79 Queen Street Auckland 1010 New Zealand Telephone: +64 9 573 2850
<b>Emergency telephone numbers</b>	: 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
<b>Poison Information Contacts</b>	: 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
Ethyleneglycol Monohehexylether	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/cm<sup>3</sup> 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.

<sup>§</sup> **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

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##### 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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