

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 Odourless Oven Cleaner (non-caustic) aerosol

Version 1.1

Print Date 03.05.2018

Revision Date 09.11.2017

SDS Number 350000006125

1. PRODUCT AND COMPANY IDENTIFICATION

- Product identifier** : Mr Muscle Odourless Oven Cleaner (non-caustic) aerosol
- Other means of Identification** : 350000006125
- Recommended use** :
- 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

Hazard classification	Hazard category	Hazards identification
Flammable liquids	Category 1	Extremely flammable liquid and vapour.
Skin corrosion	Category 1B	Causes severe skin burns and eye damage.
Serious eye damage	Category 1	Causes serious eye damage.

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 Odourless Oven Cleaner (non-caustic) aerosol

Version 1.1

Print Date 03.05.2018

Revision Date 09.11.2017

SDS Number 350000006125

--	--	--

* 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.

Statement of Hazardous Nature (New Zealand)

HSNO Classification (NZ): : 2.1.2A
8.2B, 8.3A

Labelling - Australia **

Hazard symbols



Flame
Corrosion

Signal word
Danger

Hazard statements

(H224) Extremely flammable liquid and vapour.
(H314) Causes severe skin burns and eye damage.

Precautionary statements

(P101) If medical advice is needed, have product container or label at hand.
(P102) Keep out of reach of children.
(P310) Immediately call a POISON CENTER/doctor.
(P304 + P340) IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
(P303 + P361 + P353) IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.
(P305 + P351 + P338) IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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 Odourless Oven Cleaner (non-caustic) aerosol

Version 1.1

Print Date 03.05.2018

Revision Date 09.11.2017

SDS Number 350000006125

(P301 + P330 + P331) IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

(P405) Store locked up.

(P501) Dispose of contents/ container to an approved incineration plant.

(P280) Wear protective gloves.

(P260) Do not breathe spray.

(P264) Wash hands thoroughly after handling.

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
Diethylene glycol monobutyl ether	112-34-5	1.00 - 5.00
Ethanolamine	141-43-5	1.00 - 5.00
Sodium metasilicate	6834-92-0	1.00 - 5.00
DODECAN-1-OL	112-53-8	1.00 - 5.00
Hydrated Aluminum Magnesium Silicate	12199-37-0	1.00 - 5.00
Other non-hazardous ingredients	various	Balance to 100

4. FIRST AID MEASURES

Description of first aid measures

Eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor. Get medical attention immediately.

Skin contact : IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. Immediately call a POISON CENTER/doctor.

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 Odourless Oven Cleaner (non-caustic) aerosol

Version 1.1

Print Date 03.05.2018

Revision Date 09.11.2017

SDS Number 350000006125

Inhalation : IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

Ingestion : IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

Most important symptoms and effects, both acute and delayed

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 : Flammable liquid. Vapors are heavier than air and may travel to a source of ignition and flash back. Liquid run-off to sewers may create fire/explosion hazard. Container may melt and leak in heat of fire.

Special protective equipment and precautions for fire fighters : Cool and use caution when approaching or handling fire-exposed containers. For large quantities of flammable liquids, consider containment to prevent the spread of fire. Wear full protective clothing and positive pressure self-contained breathing apparatus. In case of fire and/or explosion do not breathe fumes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Remove all sources of ignition. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. Wear personal protective equipment. Wash thoroughly after handling.

Environmental : Outside of normal use, avoid release to the environment.

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 Odourless Oven Cleaner (non-caustic) aerosol

Version 1.1

Print Date 03.05.2018

Revision Date 09.11.2017

SDS Number 350000006125

precautions

Methods and materials for containment and cleaning up : Soak up with inert absorbent material.
Use only non-sparking equipment.
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.
Use only as directed.
KEEP OUT OF REACH OF CHILDREN AND PETS.
Avoid breathing vapours, mist or gas.
Wash thoroughly after handling.

Advice on protection against fire and explosion : Keep away from sources of ignition - No smoking.
Take measures to prevent the build up of electrostatic charge.
Use only non-sparking tools.
Use explosion-proof equipment.
Ground/bond container and receiving equipment.

Storage

Requirements for storage areas and containers : Keep container closed when not in use.
Keep tightly closed.
Store in a well-ventilated place. Keep cool.
Store locked up.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Components	CAS-No.	mg/m ³	ppm	Non-standard units	Basis

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 Odourless Oven Cleaner (non-caustic) aerosol

Version 1.1

Print Date 03.05.2018

Revision Date 09.11.2017

SDS Number 350000006125

Ethanolamine	141-43-5	15 mg/m ³	6 ppm	-	AU_OESSTEL
Ethanolamine	141-43-5	7.5 mg/m ³	3 ppm	-	AU_OESTWAS
Ethanolamine	141-43-5	15 mg/m ³	6 ppm	-	NZ_WELSTEL
Ethanolamine	141-43-5	7.5 mg/m ³	3 ppm	-	NZ_WELTWA

Personal protective equipment

- Respiratory protection** : Substantial amounts of mist/vapors can be controlled with local exhaust ventilation or respiratory protection.
- Hand protection** : Rubber gloves
- Eye protection** : Wear splash-resistant Chemical goggles.
Safety glasses with side-shields
- Skin and body protection** : Protective footwear.
- Hygiene measures** : Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Form** : liquid
- Odor** : No information available.
- Odour Threshold** :
- pH** :
- Melting point/freezing point** :
Initial boiling point and boiling range : Not applicable
- Flash point** : < 20 °C

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 Odourless Oven Cleaner (non-caustic) aerosol

Version 1.1

Print Date 03.05.2018

Revision Date 09.11.2017

SDS Number 350000006125

< 68 °F
Propellant

Evaporation rate : No data available

Flammability (solid, gas) : No data available

Upper/lower flammability or explosive limits :

Vapour pressure : Not applicable

Vapour density :

Relative density : 1.14 g/cm³

Solubility(ies) : dispersible

Partition coefficient: n-octanol/water :

Auto-ignition temperature : No data available

Decomposition temperature :

Viscosity, dynamic :

Viscosity, kinematic :

Oxidizing properties :

Other information : None identified :

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 Odourless Oven Cleaner (non-caustic) aerosol

Version 1.1

Print Date 03.05.2018

Revision Date 09.11.2017

SDS Number 350000006125

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** : Heat, flames and sparks.
- Incompatible materials** : Strong oxidizing agents
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
- 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

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 Odourless Oven Cleaner (non-caustic) aerosol

Version 1.1

Print Date 03.05.2018

Revision Date 09.11.2017

SDS Number 350000006125

Acute toxicity	No classification proposed	Inhalation - Gas
Skin corrosion	Category 1B	-
Serious eye damage	Category 1	-
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 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.

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 Odourless Oven Cleaner (non-caustic) aerosol

Version 1.1

Print Date 03.05.2018

Revision Date 09.11.2017

SDS Number 350000006125

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
Diethylene glycol monobutyl ether	static test LC50	Lepomis macrochirus (Bluegill sunfish)	1,300 mg/l	96 h
Ethanolamine	No data available NOEC	Oryzias latipes	1.2 mg/l	41 d
Sodium metasilicate	LC50	Danio rerio (zebra fish)	210 mg/l	96 h
DODECAN-1-OL	flow-through test LC50	Pimephales promelas (fathead minnow)	1.01 mg/l	96 h
Hydrated Aluminum Magnesium Silicate	No data available			

Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
Diethylene glycol monobutyl ether	static test EC50	Daphnia magna (Water flea)	> 100 mg/l	48 h
Ethanolamine	EC50	Daphnia magna (Water flea)	65 mg/l	48 h
	NOEC	Daphnia magna	0.85 mg/l	21 d
Sodium metasilicate	EC50	Daphnia magna (Water flea)	1,700 mg/l	48 h

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 Odourless Oven Cleaner (non-caustic) aerosol

Version 1.1

Print Date 03.05.2018

Revision Date 09.11.2017

SDS Number 350000006125

		flea)		
DODECAN-1-OL	static test EC50	Daphnia magna (Water flea)	0.765 mg/l	48 h
	NOEC	Daphnia magna (Water flea)	0.014 mg/l	21 d
Hydrated Aluminum Magnesium Silicate	No data available			

Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
Diethylene glycol monobutyl ether	Growth inhibition EC50	Desmodesmus subspicatus (green algae)	> 100 mg/l	96 h
Ethanolamine	EC50	Desmodesmus subspicatus (green algae)	2.5 mg/l	72 h
Sodium metasilicate	EC50	Desmodesmus subspicatus (green algae)	207 mg/l	72 h
DODECAN-1-OL	static test ErC50	Desmodesmus subspicatus (green algae)	0.66 mg/l	72 h
Hydrated Aluminum Magnesium Silicate	No data available			

Persistence and degradability

Component	Biodegradation	Exposure time	Summary
Diethylene glycol monobutyl ether	80 - 90 %	28 d	Readily biodegradable.
Ethanolamine	> 90 %	21 d	Readily biodegradable.
Sodium metasilicate	No data available		
DODECAN-1-OL	79 %	28 d	Readily biodegradable.

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 Odourless Oven Cleaner (non-caustic) aerosol

Version 1.1

Print Date 03.05.2018

Revision Date 09.11.2017

SDS Number 350000006125

Hydrated Aluminum Magnesium Silicate	No data available		
--------------------------------------	-------------------	--	--

Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
Diethylene glycol monobutyl ether	1.12 estimated	1
Ethanolamine	9.2 QSAR	-0.2
Sodium metasilicate	No data available	No data available
DODECAN-1-OL	3,801	5.4
Hydrated Aluminum Magnesium Silicate	No data available	No data available

Mobility

Component	End point	Value
Diethylene glycol monobutyl ether	No data available	
Ethanolamine	Koc	1.17
Sodium metasilicate	No data available	
DODECAN-1-OL	Koc	17980
Hydrated Aluminum Magnesium Silicate	No data available	

PBT and vPvB assessment

Component	Results
Diethylene glycol monobutyl ether	Not fulfilling PBT and vPvB criteria
Ethanolamine	Not fulfilling PBT and vPvB criteria
Sodium metasilicate	Not fulfilling PBT and vPvB criteria
DODECAN-1-OL	Not fulfilling PBT and vPvB criteria

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 Odourless Oven Cleaner (non-caustic) aerosol

Version 1.1

Print Date 03.05.2018

Revision Date 09.11.2017

SDS Number 350000006125

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.

14. TRANSPORT INFORMATION

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

	Land transport [§]	Sea transport	Air transport
UN number	1950	1950	1950
UN proper shipping name	AEROSOLS, Flammable, Corrosive	AEROSOLS, Flammable, Corrosive	AEROSOLS, Flammable, Corrosive
Transport hazard class(es)	2.1	2	2.1
Packing group	-	-	-
Environmental hazards	-	-	-
Special precautions for user	Limited quantities derogation may be applicable to this product, please check transport documents.	Limited quantities derogation may be applicable to this product, please check transport documents.	Limited quantities derogation may be applicable to this product, please check transport documents.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Product not transported as bulk.	Product not transported as bulk.	Product not transported as bulk.

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 Odourless Oven Cleaner (non-caustic) aerosol

Version 1.1

Print Date 03.05.2018

Revision Date 09.11.2017

SDS Number 350000006125

[§] 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): : S5

HSNO Classification (NZ): : 2.1.2A
8.2B, 8.3A

HSNO Approval Number (NZ): : HSR002516 : Aerosols (Flammable, Corrosive) Group Standard 2006

16. OTHER INFORMATION

Revision Date: 09.11.2017

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

This document has been prepared using data from sources considered to be technically reliable. It does not constitute a warranty, expressed or implied, as to the accuracy of the information contained herein. Actual conditions of use are beyond the seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.

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 Odourless Oven Cleaner (non-caustic) aerosol

Version 1.1

Print Date 03.05.2018

Revision Date 09.11.2017

SDS Number 350000006125

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