

Safety Data Sheet

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



Mr Muscle Heavy Duty Oven Cleaner (aerosol)

Version 2.1

Print Date 06.09.2023

Revision Date 25.08.2023

SDS Number 350000010750

1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier	: Mr Muscle Heavy Duty Oven Cleaner (aerosol)
Other means of Identification	: 350000010750
Recommended use	: Oven Cleaner
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
Acute toxicity	Category 5 *	May be harmful if swallowed.
Acute toxicity	Category 5 *	May be harmful in contact with skin.
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, Jul 2020 and New Zealand HSNO



Mr Muscle Heavy Duty Oven Cleaner (aerosol)

Version 2.1

Print Date 06.09.2023

Revision Date 25.08.2023

SDS Number 350000010750

--	--	--

* 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): : Aerosol CAT 1
Skin corrosion CAT 1B, Serious Eye damage CAT 1

Labelling - Australia **

Hazard symbols



Corrosion

Signal word

Danger

Hazard statements

(H303 + H313) May be harmful if swallowed or in contact with skin.

(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.

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

Safety Data Sheet

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



Mr Muscle Heavy Duty Oven Cleaner (aerosol)

Version 2.1

Print Date 06.09.2023

Revision Date 25.08.2023

SDS Number 350000010750

(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.

** 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
Sodium hydroxide	1310-73-2	1.00 - 5.00
Sodium hydroxide	1310-73-2	1.00 - 5.00
Butane	106-97-8	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.

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.

Safety Data Sheet

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



Mr Muscle Heavy Duty Oven Cleaner (aerosol)

Version 2.1

Print Date 06.09.2023

Revision Date 25.08.2023

SDS Number 350000010750

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** : Aerosol Product - Containers may rocket or explode in heat of fire.
- Special protective equipment and precautions for fire fighters** : Fight fire from maximum distance or protected area. Cool and use caution when approaching or handling fire-exposed containers. 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.
Wear personal protective equipment.
Wash thoroughly after handling.
- Environmental precautions** : Outside of normal use, avoid release to the environment.
- Methods and materials for containment and cleaning up** : Sweep up and shovel into suitable containers for disposal.
Clean residue from spill site.

7. HANDLING AND STORAGE

Handling

Safety Data Sheet

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



Mr Muscle Heavy Duty Oven Cleaner (aerosol)

Version 2.1

Print Date 06.09.2023

Revision Date 25.08.2023

SDS Number 350000010750

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 : Normal measures for preventive fire protection.

Storage

Requirements for storage areas and containers : Store locked up.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Components	CAS-No.	mg/m ³	ppm	Non-standard units	Basis
Sodium hydroxide	1310-73-2	2 mg/m ³	-	-	AU_OESCEIL
Sodium hydroxide	1310-73-2	2 mg/m ³	-	-	NZ_WELCEIL

Sodium hydroxide	1310-73-2	2 mg/m ³	-	-	AU_OESCEIL
Sodium hydroxide	1310-73-2	2 mg/m ³	-	-	NZ_WELCEIL
Butane	106-97-8	1,900 mg/m ³	800 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

Safety Data Sheet

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



Mr Muscle Heavy Duty Oven Cleaner (aerosol)

Version 2.1

Print Date 06.09.2023

Revision Date 25.08.2023

SDS Number 350000010750

- Eye protection** : Wear splash-resistant Chemical goggles.
- 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** : aerosol
- Color** : off-white
- Odor** : Citrus
- Odour Threshold** :
- pH** : 13.3
- Melting point/freezing point** : Test not applicable for this product type
- Initial boiling point and boiling range** : Test not applicable for this product type
- Flash point** : does not flash
- Evaporation rate** : Test not applicable for this product type
- Flammability (solid, gas)** : Sustains combustion
- Upper/lower flammability or explosive limits** : Test not applicable for this product type
- Vapour pressure** : Test not applicable for this product type

Safety Data Sheet

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



Mr Muscle Heavy Duty Oven Cleaner (aerosol)

Version 2.1

Print Date 06.09.2023

Revision Date 25.08.2023

SDS Number 350000010750

Vapour density	:	
Relative density	:	1.02 g/cm ³ at 20 °C Calculated
Solubility(ies)	:	Test not applicable for this product type
Partition coefficient: n-octanol/water	:	No data available
Auto-ignition temperature	:	does not ignite
Decomposition temperature	:	Test not applicable for this product type
Viscosity, dynamic	:	Test not applicable for this product type
Viscosity, kinematic	:	Test not applicable for this product type
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.

Safety Data Sheet

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



Mr Muscle Heavy Duty Oven Cleaner (aerosol)

Version 2.1

Print Date 06.09.2023

Revision Date 25.08.2023

SDS Number 350000010750

Possibility of hazardous reactions : If accidental mixing occurs and toxic gas is formed, exit area immediately. Do not return until well ventilated.

Conditions to avoid : Direct sources of heat.

Incompatible materials : Do not mix with bleach or any other household cleaners.
Strong bases
None known.

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

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : LD50 > 2 g/kg

Acute inhalation toxicity : LC50 > 5.1 mg/L

Acute dermal toxicity : LD50 > 2 g/kg

GHS Properties	Classification	Routes of entry
Acute toxicity	Category 5 *	Oral
Acute toxicity	Category 5 *	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	Category 1B	-
Serious eye damage	Category 1	-
Skin sensitisation [^]	No classification proposed	-

Safety Data Sheet

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



Mr Muscle Heavy Duty Oven Cleaner (aerosol)

Version 2.1

Print Date 06.09.2023

Revision Date 25.08.2023

SDS Number 350000010750

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.

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
------------	-----------	---------	-------	----------

Safety Data Sheet

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



Mr Muscle Heavy Duty Oven Cleaner (aerosol)

Version 2.1

Print Date 06.09.2023

Revision Date 25.08.2023

SDS Number 350000010750

				time
Sodium hydroxide	LC50	Fish	35 - 189 mg/l	96 h
Sodium hydroxide	LC50	Fish	35 - 189 mg/l	96 h
Butane	LC50 QSAR	Fish	24.11 mg/l	96 h

Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
Sodium hydroxide	EC50	Daphnia magna (Water flea)	40.4 mg/l	48 h
Sodium hydroxide	EC50	Daphnia magna (Water flea)	40.4 mg/l	48 h
Butane	EC50 QSAR	Daphnid	14.22 mg/l	48 h

Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
Sodium hydroxide	No data available			
Sodium hydroxide	No data available			
Butane	EC50 QSAR	Green algae	7.71 mg/l	96 h

Persistence and degradability

Component	Biodegradation	Exposure time	Summary
-----------	----------------	---------------	---------

Safety Data Sheet

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



Mr Muscle Heavy Duty Oven Cleaner (aerosol)

Version 2.1

Print Date 06.09.2023

Revision Date 25.08.2023

SDS Number 350000010750

Sodium hydroxide	No data available		
Sodium hydroxide	No data available		
Butane	70 %	< 10 d	Readily biodegradable.

Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
Sodium hydroxide	0.89 estimated	-1.38
Sodium hydroxide	0.89 estimated	-1.38
Butane	No data available	2.89

Mobility

Component	End point	Value
Sodium hydroxide	No data available	
Sodium hydroxide	No data available	
Butane	No data available	

PBT and vPvB assessment

Component	Results
Sodium hydroxide	Not fulfilling PBT and vPvB criteria
Sodium hydroxide	Not fulfilling PBT and vPvB criteria
Butane	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.

Safety Data Sheet

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



Mr Muscle Heavy Duty Oven Cleaner (aerosol)

Version 2.1

Print Date 06.09.2023

Revision Date 25.08.2023

SDS Number 350000010750

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 or identification 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.

[§] **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

Safety Data Sheet

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



Mr Muscle Heavy Duty Oven Cleaner (aerosol)

Version 2.1

Print Date 06.09.2023

Revision Date 25.08.2023

SDS Number 350000010750

Poisons Schedule (Australia): : S5

HSNO Classification (NZ): : Aerosol CAT 1
Skin corrosion CAT 1B, Serious Eye damage CAT 1

HSNO Approval Number (NZ): : Aerosols (Flammable, Corrosive) Group Standard 2020 | HSR002516

16. OTHER INFORMATION

Revision Date: 25.08.2023

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.

Prepared by

SC Johnson Global Safety Assessment & Regulatory Affairs
(GSARA)