

**SAFETY DATA SHEET**

(according to Regulation (EC) No. 1907/2006)



**MR MUSCLE Aerosol Oven Cleaner**

Version 1.0  
Revision Date 29.08.2014

Print Date 09.10.2014  
Specification Number: 350000008112  
SITE FORM Number:  
30000000000000007098.002

**1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

- 1.1 Product identifier** : MR MUSCLE Aerosol Oven Cleaner
  
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**
  - Use of the Substance/Mixture** : Washing and cleaning products (including solvent based products)
  
  - Uses advised against** : None known.
  
- 1.3 Details of the supplier of the safety data sheet** : SC Johnson Ltd.  
Frimley Green  
Camberley  
Surrey  
GU16 7AJ
  
- Telephone** : +441276852000
  
- E-mail address** : ask.uk@scj.com
  
- 1.4 Emergency telephone number** : Consumer Care Center:  
UK - 0800 353 353  
Ireland - 1800 409 176

**2. HAZARDS IDENTIFICATION**

**2.1 Classification of the substance or mixture**

Classification according to Regulation (EU) 1272/2008 with the correlation table 67/548/EEC or 1999/45/EC (Annex VII of CLP)

Hazard classification	Hazard category	Hazards identification
Aerosol	Category 3	Pressurised container: May burst if heated.
Skin corrosion	Category 1	Causes severe skin burns and eye damage.

**2.2 Label elements**

Labelling according to Regulation (EC) No. 1272/2008 (CLP)

**Hazard symbols**



**Signal word**

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Danger

**Hazard statements**

(H229) Pressurised container: May burst if heated.  
(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 or doctor/ physician.  
(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.  
(P405) Store locked up.  
(P410 + P412) Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.  
(P280) Wear protective gloves.  
(P264) Wash hands thoroughly after handling.  
(P210) Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
(P251) Do not pierce or burn, even after use.  
(P260) Do not breathe spray.

**Additional Labelling**

Use only in well-ventilated areas.  
Use only as directed.  
4% By mass of contents are flammable.

**Detergents regulations** : **Contains**  
< 5% aliphatic hydrocarbons, Polycarboxylates, Anionic surfactants, perfume  
, Limonene, METHYLCHLOROISOTHIAZOLINONE, Methylisothiazolinone

**2.3 Other hazards** : Intentional misuse by deliberately concentrating and inhaling contents can be harmful or fatal.  
Excessive exposure to spray mist, fog or vapour may cause respiratory irritation.

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**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**3.2 Mixtures**

**Hazardous components**

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Chemical Name	CAS-No./EC No	Reg. No	Classification according to Regulation (EC) No 1272/2008 (CLP)	Weight percent
Sodium hydroxide	1310-73-2/215-185-5	01-2119457892-27	Skin corrosion Category 1A H314	>= 1.00 - < 5.00

**Additional Information**

For the full text of the H-Statements mentioned in this Section, see Section 16.

**4. FIRST AID MEASURES****4.1 Description of first aid measures**

- Inhalation : Move to fresh air.  
If breathing is affected, get medical attention.
- Skin contact : Take off all contaminated clothing immediately.  
Immediately flush skin with large amounts of water.  
Get medical attention if irritation develops and persists.  
Wash contaminated clothing before re-use.
- Eye contact : Remove contact lenses.  
Protect unharmed eye.  
Keep eye wide open while rinsing.  
Flush immediately with plenty of water for at least 15 to 20 minutes.  
Get medical attention immediately.
- Ingestion : Do NOT induce vomiting.  
Rinse mouth with water.  
Get medical attention immediately.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.

**4.2 Most important symptoms and effects, both acute and delayed**

- Eyes : Causes serious eye damage.  
No adverse effects expected when used as directed.
- Skin effect : Causes severe skin burns.  
No adverse effects expected when used as directed.
- Inhalation : Intentional misuse by deliberately concentrating and inhaling contents can be harmful or fatal.  
No adverse effects expected when used as directed.  
Excessive exposure to spray mist, fog or vapour may cause respiratory irritation.

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Ingestion : Causes digestive tract burns.  
No adverse effects expected when used as directed.

**4.3 Indication of any immediate medical attention and special treatment needed**

See Description of first aid measures unless otherwise stated.

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**5. FIREFIGHTING MEASURES**

**5.1 Extinguishing media**

Suitable : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable : None identified

**5.2 Special hazards arising from the substance or mixture** : Heating may cause an explosion.  
In case of fire and/or explosion do not breathe fumes.  
Exposure to decomposition products may be a hazard to health.

Advice for firefighters : In the event of fire, wear self-contained breathing apparatus.  
Wear suitable protective clothing and gloves.  
Refer to current EN or National standard as appropriate.

**5.3 Further information** : Fight fire with normal precautions from a reasonable distance.

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**6. ACCIDENTAL RELEASE MEASURES**

**6.1 Personal precautions, protective equipment and emergency procedures** : Use personal protective equipment.  
Remove all sources of ignition.

**6.2 Environmental precautions** : Prevent product from entering drains.  
Do not flush into surface water or sanitary sewer system.  
If the product contaminates rivers and lakes or drains inform respective authorities.  
Use appropriate containment to avoid environmental contamination.

**6.3 Methods and materials for containment and cleaning up** : If damage occurs to aerosol can:  
Clean residue from spill site.  
Dike large spills.  
Use only non-sparking equipment.

**6.4 Reference to other sections** : For personal protection see section 8.

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For disposal considerations see section 13.

**7. HANDLING AND STORAGE**

- 7.1 Precautions for safe handling** : For personal protection see section 8.  
 Do not breathe vapours or spray mist.  
 Avoid contact with skin and eyes.  
 Smoking, eating and drinking should be prohibited in the application area.  
 Wear personal protective equipment.  
 Do not use in areas without adequate ventilation.  
 Do not puncture.  
 Do not spray on a naked flame or any incandescent material.
- 7.2 Conditions for safe storage, including any incompatibilities** : Do not freeze.  
 Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.  
 Keep out of the reach of children.  
 Store away from food, beverages and pet food.  
 No decomposition if stored and applied as directed.
- 7.3 Specific end use(s)** : Consumer uses: Private households (= general public = consumers)  
 Washing and cleaning products (including solvent based products)

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1 Control parameters**

**Occupational Exposure Limit Values**

Components	CAS-No.	mg/m3	ppm	Form of exposure	List
Sodium hydroxide	1310-73-2	2 mg/m3			UK_WELSTEL

Refer to current EN or National standard as appropriate.

**8.2 Exposure controls**

- Respiratory protection** : In the case of dust or aerosol formation use respirator with an approved filter.
- Hand protection** : Wear suitable gloves.  
 The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.  
 Before removing gloves clean them with soap and water.
- Eye/face protection** : Safety glasses
- Skin and body protection** : Wash contaminated clothing before re-use.
- Other information** : Wash hands before breaks and at the end of workday.

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Environmental Exposure Controls : Refer to section 6.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**9.1 Information on basic physical and chemical properties**

- Appearance : aerosol
- Colour : white
- Odour : Functional
- Odour Threshold : Test not applicable for this product type
- pH : 14
- 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 : < 0 °C
- 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
- Vapour density : Test not applicable for this product type
- Relative density : Test not applicable for this product type
- Solubility(ies) : Test not applicable for this product type
- Partition coefficient: n-octanol/water : Test not applicable for this product type
- 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

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Explosive properties : Test not applicable for this product type  
 Oxidizing properties : Test not applicable for this product type  
 Other information : None identified :

**10. STABILITY AND REACTIVITY**

**10.1 Reactivity** : No dangerous reaction known under conditions of normal use.  
**10.2 Chemical stability** : Stable under recommended storage conditions.  
**10.3 Possibility of hazardous reactions** : None known.  
 Stable under recommended storage conditions.  
**10.3 Possibility of hazardous reactions** : None known.  
**10.4 Conditions to avoid** : Extremes of temperature and direct sunlight.  
**10.5 Incompatible materials** : Do not mix with acids or any other household products. May release dangerous gases (chlorine).  
**10.6 Hazardous decomposition products** : No decomposition if stored and applied as directed.

**11. TOXICOLOGICAL INFORMATION**

**Information on toxicological effects**

**Acute oral toxicity**

Name	Method	Species	Dose
Product	LD50 estimated		> 2 g/kg

**Acute inhalation toxicity**

Name	Method	Species	Dose	Exposure time
Product	LC50 estimated		> 2 g/l	

**Acute dermal toxicity**

Name	Method	Species	Dose
Product	LD50estimated		> 2 g/kg

**Acute dermal toxicity**

Name	Method	Species	Dose
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Sodium hydroxide	LD50	Rabbit	1,350 mg/kg
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- Skin corrosion/irritation : Causes severe skin burns.Causes severe skin burns.
- Serious eye damage/eye irritation : Causes severe eye burns.Causes serious eye damage.
- Skin sensitisation : Based on available data, the classification criteria are not met.
- Germ cell mutagenicity : Based on available data, the classification criteria are not met.
- Carcinogenicity : Based on available data, the classification criteria are not met.
- Toxicity for reproduction : Based on available data, the classification criteria are not met.
- STOT - single exposure : Based on available data, the classification criteria are not met.
- STOT - repeated exposure : Based on available data, the classification criteria are not met.
- Aspiration hazard : Based on available data, the classification criteria are not met.

**12. ECOLOGICAL INFORMATION****Product** : The product itself has not been tested.**12.1 Toxicity**

Components	Acute aquatic toxicity	M-Factor	Chronic aquatic toxicity	M-Factor
Sodium hydroxide	No classification proposed		No classification proposed	

**12.2 Persistence and degradability**

Component	Biodegradation	Exposure time	Summary
Sodium hydroxide	No data available		

**12.3 Bioaccumulative potential**

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
Sodium hydroxide	0.89	-1.38

**12.4 Mobility**

Component	End point	Value
Sodium hydroxide		No data available



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Component	Results
Sodium hydroxide	Not fulfilling PBT and vPvB criteria

**12.6 Other adverse effects** : None known.**13. DISPOSAL CONSIDERATIONS****13.1 Waste treatment methods**

Product : Do not dispose of waste into sewer.  
Do not contaminate ponds, waterways or ditches with chemical or used container.  
Disposal should be in accordance with local, state or national legislation.  
Please recycle empty packaging.

Packaging : Do not re-use empty containers.

**14. TRANSPORT INFORMATION**

	Land transport	Sea transport	Air transport
<b>14.1 UN number</b>	1950	1950	1950
<b>14.2 UN proper shipping name</b>	UN 1950 AEROSOLS, Corrosive, 2.2 (8)	UN 1950 AEROSOLS, Corrosive, 2.2 (8)	UN 1950 AEROSOLS, Corrosive, 2.2 (8)
<b>14.3 Transport hazard class(es)</b>	2	2	2.2
<b>14.4 Packing group</b>			
<b>14.5 Environmental hazards</b>			
<b>14.6 Special precautions for user</b>	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.
<b>14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	Product not transported as bulk.	Product not transported as bulk.	Product not transported as bulk.

**15. REGULATORY INFORMATION**

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture** : This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

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**16. OTHER INFORMATION**

If applicable, revision(s) are noted by the bold bars || in left-hand margin.

**Further information**

H314	Causes severe skin burns and eye damage.
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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.