

SAFETY DATA SHEET

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



MR MUSCLE Window & Glass Cleaner

Version 1.0
Revision Date 28.05.2014

Print Date 21.11.2014
Specification Number: 350000017137
SITE FORM Number:
30000000000000012648.002

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

- 1.1 Product identifier** : MR MUSCLE Window & Glass 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
Skin irritation	Category 2	Causes skin irritation.
Eye irritation	Category 2	Causes serious eye irritation.

2.2 Label elements

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

Hazard symbols



Signal word
Warning

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(H315) Causes skin irritation.

(H319) Causes serious eye irritation.

Precautionary statements

(P101) If medical advice is needed, have product container or label at hand.

(P102) Keep out of reach of children.

(P305 + P351 + P338) IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

(P337 + P313) If eye irritation persists: Get medical advice/ attention.

(P260) Do not breathe spray.

(P264) Wash hands thoroughly after handling.

Additional Labelling

Use only in well-ventilated areas.

As with any household product avoid prolonged skin contact with this product

Detergents regulations : **Contains**
< 5% Anionic surfactants, perfume**2.3 Other hazards** : None identified**3. COMPOSITION/INFORMATION ON INGREDIENTS****3.2 Mixtures****Hazardous components**

Chemical Name	CAS-No./EC No	Reg. No	Classification according to Regulation (EC) No 1272/2008 (CLP)	Weight percent
2-Hexyloxyethanol	112-25-4/203-951-1	-	Acute toxicity Category 4 H302 Acute toxicity Category 4 H312 Skin corrosion Category 1B H314	>= 1.00 - < 5.00

Additional Information

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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 : No special requirements
- Skin contact : Take off all contaminated clothing immediately.
Wash off with soap and plenty 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.
In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- Ingestion : If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
Rinse mouth with water.

4.2 Most important symptoms and effects, both acute and delayed

- Eyes : No adverse effects expected when used as directed.
- Skin effect : Causes skin irritation.
No adverse effects expected when used as directed.
- Inhalation : No adverse effects expected when used as directed.
- Ingestion : May cause irritation to mouth, throat and stomach.
May cause abdominal discomfort.
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.

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

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

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- Unsuitable : None identified
- 5.2 Special hazards arising from the substance or mixture** : 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.

6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures** : Use personal protective equipment.
- 6.2 Environmental precautions** : Prevent product from entering drains.
Prevent further leakage or spillage if safe to do so.
Use appropriate containment to avoid environmental contamination.
- 6.3 Methods and materials for containment and cleaning up** : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Clean residue from spill site.
Keep in suitable, closed containers for disposal.
- 6.4 Reference to other sections** : For personal protection see section 8.
For disposal considerations see section 13.

7. HANDLING AND STORAGE

- 7.1 Precautions for safe handling** : For personal protection see section 8.
Avoid contact with skin and eyes.
Smoking, eating and drinking should be prohibited in the application area.
Wear personal protective equipment.
Normal measures for preventive fire protection.
- 7.2 Conditions for safe storage, including any incompatibilities** : Do not freeze.
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)

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Occupational Exposure Limit Values

Contains no substances with occupational exposure limit values.

Refer to current EN or National standard as appropriate.

8.2 Exposure controls

- Respiratory protection : In the case of vapour formation use a 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 : When using do not eat, drink or smoke.
Wash hands before breaks and at the end of workday.
- Environmental Exposure Controls : Refer to section 6.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

- Appearance : liquid
- Colour : green
- Odour : Herbal
- Odour Threshold : no data available
- pH : acidic
- Melting point/freezing point : no data available
- Initial boiling point and boiling range : no data available
- Flash point : 56 °C

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Evaporation rate	:	no data available	
Flammability (solid, gas)	:	Does not sustain combustion.	
Upper/lower flammability or explosive limits	:	no data available	
Vapour pressure	:	not applicable	
Vapour density	:	no data available	
Relative density	:	no data available	
Solubility(ies)	:	completely soluble	
Partition coefficient: n-octanol/water	:	no data available	
Auto-ignition temperature	:	no data available	
Decomposition temperature	:	no data available	
Viscosity, dynamic	:	not determined	
Viscosity, kinematic	:	not determined	
Explosive properties	:	no data available	
Oxidizing properties	:	no data available	
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.
10.4 Conditions to avoid	:	Extremes of temperature and direct sunlight.
10.5 Incompatible materials	:	None known.
10.6 Hazardous decomposition products	:	No decomposition if stored and applied as directed.

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SITE FORM Number:
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Name	Method	Species	Dose
Product	LD50 Calculated		> 2,000 mg/kg

Acute inhalation toxicity

Name	Method	Species	Dose	Exposure time
Product	LC50 estimated		> 5 mg/l	

Acute dermal toxicity

Name	Method	Species	Dose
Product	LD50 estimated		> 2,000 mg/kg

Acute oral toxicity

Name	Method	Species	Dose
2-Hexyloxyethanol	EU CLP LD50	rat	738 mg/kg

Acute inhalation toxicity

Name	Method	Species	Dose	Exposure time
2-Hexyloxyethanol	EU CLP LC50 (vapour)Measured	rat	> 131 mg/l	6 h

Acute dermal toxicity

Name	Method	Species	Dose
2-Hexyloxyethanol	EU CLP LD50	rabbit	757.35 mg/kg

Skin corrosion/irritation : Causes skin irritation.

Serious eye damage/eye irritation : Causes serious eye irritation.

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.

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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
2-Hexyloxyethanol	No classification proposed		No classification proposed	

12.2 Persistence and degradability

Component	Biodegradation	Exposure time	Summary
2-Hexyloxyethanol	96.8 %	20 d	Readily biodegradable.

12.3 Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
2-Hexyloxyethanol	no data available	1.97

12.4 Mobility

Component	End point	Value
2-Hexyloxyethanol		no data available

12.5 PBT and vPvB assessment

Component	Results
2-Hexyloxyethanol	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.

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Please recycle empty packaging.

Packaging : Do not re-use empty containers.

14. TRANSPORT 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.

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.

16. OTHER INFORMATION

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

Further information

H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.

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.

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