

**SAFETY DATA SHEET**

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



**Mr Muscle® Bathroom**

Version 1.0  
Revision Date 20.11.2014

Print Date 18.10.2017  
Specification Number: 350000014172  
SITE FORM Number:  
30000000000000010977.001

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

**1.1 Product identifier** : Mr Muscle® Bathroom

**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  
  
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
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

**Active Ingredients (BPR)**

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l-(+)-lactic acid 1.76% (1.76g/100g)

**Hazard statements**

(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% non-ionic surfactants, Disinfectants, perfume , Limonene**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
Alcohols, C9-11, ethoxylated	68439-46-3/	-	Serious eye damage Category 1 H318	>= 1.00 - < 5.00
l-(+)-lactic acid	79-33-4/201-196-2	-	Skin corrosion/irritation Category 2 H315 Serious eye damage/eye irritation Category 1 H318	>= 1.00 - < 5.00

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**Additional Information**

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

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**4. FIRST AID MEASURES**

**4.1 Description of first aid measures**

- Inhalation : No special requirements
- Skin contact : Rinse with plenty of water.  
Get medical attention if irritation develops and persists.
- Eye contact : Remove contact lenses.  
In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- Ingestion : Rinse mouth with water.  
If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

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

- Eyes : Causes eye irritation.  
No adverse effects expected when used as directed.
- Skin effect : May irritate skin.  
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.

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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

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- 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.
- 5.3 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.

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### 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.

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### 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.  
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.

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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 : Handle in accordance with good industrial hygiene and safety practice.  
When using do not eat or drink.  
When using do not smoke.  
Wash hands before breaks and at the end of workday.
- Environmental Exposure Controls : Refer to section 6.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

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

- Appearance : liquid
- Colour : colourless
- Odour : Citrus
- Odour Threshold : No data available
- pH : > 2
- Melting point/freezing point : No data available
- Initial boiling point and boiling range : > 100 °C
- Flash point : 87.1 °C
- Evaporation rate : No data available
- Flammability (solid, gas) : No data available
- Upper/lower flammability or

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explosive limits

Vapour pressure : No data available

Vapour density : No data available

Relative density : > 1 g/cm<sup>3</sup>

Solubility(ies) : No data available

Partition coefficient: n-octanol/water : No data available

Auto-ignition temperature : No data available

Decomposition temperature : No data available

Viscosity, dynamic : 1.68 mPa.s  
at 20 °C

Viscosity, kinematic : No data available

Explosive properties : No data available

Oxidizing properties : Not applicable

Other information : None identified

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**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.

**10.4 Conditions to avoid** : Extremes of temperature and direct sunlight.

**10.5 Incompatible materials** : Strong oxidizing agents

**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:  
30000000000000000010977.001**11. TOXICOLOGICAL INFORMATION****Information on toxicological effects****Acute oral toxicity**

Name	Method	Species	Dose
Product	EU CLP LD50 Measured	Rat	> 5,000 mg/kg

**Acute inhalation toxicity**

No data available

**Acute dermal toxicity**

No data available

**Acute oral toxicity**

Name	Method	Species	Dose
Alcohols, C9-11, ethoxylated	LD50	Rat	1,400 mg/kg
l-(+)-lactic acid	EU CLP LD50	Rat	3,543 mg/kg

**Acute inhalation toxicity**

Name	Method	Species	Dose	Exposure time
l-(+)-lactic acid	EU CLP LC50 (dust and mist)	Rat	> 7.94 mg/l	4 h

**Acute dermal toxicity**

Name	Method	Species	Dose
l-(+)-lactic acid	EU CLP LD50	Rabbit	> 2,000 mg/kg

Skin corrosion/irritation : Based on available data, the classification criteria are not met.

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
Alcohols, C9-11, ethoxylated	No classification proposed		No classification proposed	
l-(+)-lactic acid	No classification proposed		No classification proposed	

**12.2 Persistence and degradability**

Component	Biodegradation	Exposure time	Summary
Alcohols, C9-11, ethoxylated	No data available		
l-(+)-lactic acid	67 %	20 d	Readily biodegradable.

**12.3 Bioaccumulative potential**

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
Alcohols, C9-11, ethoxylated	No data available	No data available
l-(+)-lactic acid	No data available	-0.62

**12.4 Mobility**

Component	End point	Value
Alcohols, C9-11, ethoxylated		No data available
l-(+)-lactic acid	log Koc	< 1.32

**12.5 PBT and vPvB assessment**

Component	Results
Alcohols, C9-11, ethoxylated	Not fulfilling PBT and vPvB criteria
l-(+)-lactic acid	Not fulfilling PBT and vPvB criteria



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**12.6 Other adverse effects** : None known.

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**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.

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**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.

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**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**

H315	Causes skin irritation.
H318	Causes serious 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

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