

# SAFETY DATA SHEET

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



## MR MUSCLE Bathroom & Toilet Cleaner

Version 1.1  
Revision Date 12.11.2012

Print Date 20.11.2012  
Specification Number: 350000014172  
SITE FORM Number:  
3000000000000010977.001

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

#### Product information

Product identifier : MR MUSCLE Bathroom & Toilet Cleaner

Relevant identified uses of the substance or mixture and uses advised against : Hard Surface Cleaner

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

Emergency telephone number : Consumer Care Center:  
UK - 0800 353 353  
Ireland - 1800 409 176

### 2. HAZARDS IDENTIFICATION

Classification of the substance or mixture : Xi Irritant

#### Label elements

Hazardous components which must be listed on the label : l-(+)-lactic acid 1.76% (1.76g/100g)

Symbol(s) :



R-phrases) : R36 Irritating to eyes.

S-phrases) : S 2 Keep out of the reach of children.  
S23 Do not breathe spray.  
S25 Avoid contact with eyes.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S46 If swallowed, seek medical advice immediately and show this container or label.  
S51 Use only in well-ventilated areas.

Additional Labelling : As with any household product avoid prolonged skin contact

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Detergents regulations : with this product  
Wash and dry hands after use

: **Contains**  
< 5% non-ionic surfactants

### ALSO CONTAINS

Disinfectants, perfume , (R)-p-Mentha-1,8-diene

Other hazards : None identified

See section 11 for more detailed information on health effects and symptoms.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Hazardous components

Chemical Name	EC No.	Reg. No.	CAS-No.	Symbol(s)	R-pharse(s)	Weight percent
Alcohols, C9-11, ethoxylated		-	68439-46-3	Xn, Xi	R22 R41	>= 1.00 - < 5.00
l-(+)-lactic acid	201-196-2	-	79-33-4	Xi	R38 R41	>= 1.00 - < 5.00

### 4. FIRST AID MEASURES

#### Description of first aid measures

- 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.

#### 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.

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Potential environmental effects : Not classified as Environmentally Hazardous according to Directive 1999/45/EC, as amended.

### Indication of any immediate medical attention and special treatment

See Description of first aid measures unless otherwise stated.

## 5. FIREFIGHTING MEASURES

### Extinguishing media

- Suitable : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Unsuitable : None identified
- 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.
- Further information : Fight fire with normal precautions from a reasonable distance.

## 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Use personal protective equipment.
- Environmental precautions : Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. Use appropriate containment to avoid environmental contamination.
- 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.

## 7. HANDLING AND STORAGE

### Handling

- 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.

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Wear personal protective equipment.  
Normal measures for preventive fire protection.

### Storage

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.

Specific end use(s) : Hard Surface Cleaner

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

Contains no substances with occupational exposure limit values.

### 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 protection : Safety glasses

Skin and body protection : Wash contaminated clothing before re-use.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.  
Wash hands before breaks and at the end of workday.  
When using do not eat, drink or smoke.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

Appearance : liquid

Colour : yellow

Odour : characteristic

Odour Threshold : no data available

pH : > 2

Melting point/freezing point : no data available

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Initial boiling point and boiling range	: > 100 °C
Flash point	: > 100 °C
Evaporation rate	: no data available
Flammability (solid, gas)	: no data available
Upper/lower flammability or explosive limits	: no data available
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	: no data available
Viscosity, kinematic	: no data available
Explosive properties	: no data available
Oxidizing properties	: not applicable

### 10. STABILITY AND REACTIVITY

Reactivity	: No dangerous reaction known under conditions of normal use.
Chemical stability	: Stable under recommended storage conditions.
Possibility of hazardous reactions	: None known.
Conditions to avoid	: Extremes of temperature and direct sunlight.
Incompatible materials	: Strong oxidizing agents
Hazardous decomposition products	: No decomposition if stored and applied as directed.

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### 11. TOXICOLOGICAL INFORMATION

#### Information on toxicological effects

- Acute oral toxicity : May cause irritation to mouth, throat and stomach.  
May cause abdominal discomfort.
- Acute inhalation toxicity : Based on available data, the classification criteria are not met.
- Acute dermal toxicity : Based on available data, the classification criteria are not met.
- Skin corrosion/irritation : May cause skin irritation in susceptible persons.  
Based on available data, the classification criteria are not met.
- Eye damage/irritation : Irritating to eyes.
- Sensitisation : Based on available data, the classification criteria are not met.
- Repeated dose toxicity : Based on available data, the classification criteria are not met.
- Carcinogenicity : Based on available data, the classification criteria are not met.
- Mutagenicity : Based on available data, the classification criteria are not met.
- Toxicity for reproduction : Based on available data, the classification criteria are not met.

### 12. ECOLOGICAL INFORMATION

- Toxicity : Based on available data, the classification criteria are not met.
- Persistence and degradability : Based on available data, the classification criteria are not met.
- Bioaccumulative potential : Based on available data, the classification criteria are not met.
- Mobility in soil : Based on available data, the classification criteria are not met.
- PBT and vPvB assessment : Based on available data, the classification criteria are not met.
- Other adverse effects : None known.

### 13. DISPOSAL CONSIDERATIONS

- Waste treatment methods : 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.  
Do not re-use empty containers.

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### 14. TRANSPORT INFORMATION

#### Land transport

- **ADR:**  
Not classified as dangerous in the meaning of transport regulations.

#### Sea transport

- **IMDG:**  
Not classified as dangerous in the meaning of transport regulations.

#### Air transport

- **ICAO/IATA:**  
Not classified as dangerous in the meaning of transport regulations.

### 15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture : The product is classified and labelled in accordance with Directive 1999/45/EC.

### 16. OTHER INFORMATION

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

#### Further information

Full text of R-phrases referred to under sections 2 and 3

R22	Harmful if swallowed.
R38	Irritating to skin.
R41	Risk of serious damage to eyes.

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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