

SAFETY DATA SHEET

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



MR MUSCLE Bathroom & Toilet Cleaner

Version 1.0
Revision Date 03.03.2010

Print Date 19.01.2011
MSDS Number 350000014172

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

Product information

Product name : MR MUSCLE Bathroom & Toilet Cleaner

Use of the Substance/Mixture : Hard Surface Cleaner

Company : SC Johnson Ltd.
Frimley Green
Camberley
Surrey
GU16 7AJ

Telephone : +441276852000

E-mail address : ask.uk@scj.com

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

2. HAZARDS IDENTIFICATION

Risk advice to man and the environment

Irritating to eyes.

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 abdominal discomfort.
No adverse effects expected when used as directed.

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

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

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

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4. 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.

5. FIRE-FIGHTING MEASURES

- Specific hazards during fire fighting : Exposure to decomposition products may be a hazard to health.
In case of fire and/or explosion do not breathe fumes.
- Special protective equipment for fire-fighters : 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.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Use personal protective equipment.
- Environmental precautions : Use appropriate containment to avoid environmental contamination.
Outside of normal use, avoid release to the environment.
- Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Handling

- Advice on safe handling : Avoid contact with skin and eyes.
For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.

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Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Storage

Storage conditions : Keep out of the reach of children.

Storage stability : No decomposition if stored and applied as directed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

Personal protective equipment

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.
When using do not eat or drink.
When using do not smoke.
Wash hands before breaks and at the end of workday.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form : liquid

Colour : yellow

Odour : characteristic

Safety data

pH : > 2

Flash point : not applicable

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Vapour pressure	: no data available
Density	: no data available
Water solubility	: no data available
Viscosity, dynamic	: no data available
Viscosity, kinematic	: no data available

10. STABILITY AND REACTIVITY

Conditions to avoid	: not applicable
Materials to avoid	: Do not mix with bleach or any other household cleaners.
Hazardous decomposition products	: Stable under normal conditions.
Hazardous reactions	: None known.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity	: LD50 estimated > 2,000 mg/kg May cause abdominal discomfort.
Acute inhalation toxicity	: No adverse effects expected when used as directed.
Acute dermal toxicity	: LD50 estimated > 2,000 mg/kg No adverse effects expected when used as directed.
Skin irritation	: May cause skin irritation in susceptible persons.
Eye irritation	: Irritating to eyes.

12. ECOLOGICAL INFORMATION

Further information on ecology

Additional ecological information	: This preparation is Not Classified as Environmentally Hazardous according to Directive 1999/45/EC, as amended.
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13. DISPOSAL CONSIDERATIONS

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
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Contaminated packaging : Do not re-use empty containers.
legislation.
Please recycle empty packaging.

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

Labelling according to EC Directives

Hazardous components which must be listed on the label:

Chemical Name	CAS-No.	Weight percent
l-(+)-lactic acid	79-33-4	1.76

Symbol(s) : Xi Irritant

R-phrase(s) : R36 Irritating to eyes.

S-phrase(s) : 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.

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Special labelling of certain mixtures : As with any household product avoid prolonged skin contact with this product
Wash and dry hands after use

: The product is classified and labelled in accordance with Directive 1999/45/EC.

Notification status : All components are included on all applicable EU inventories.
Detergents regulations

Contains
< 5% non-ionic surfactants

ALSO CONTAINS
Disinfectants, perfume
Limonene,

16. OTHER INFORMATION

Further information

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

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

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.