

# SAFETY DATA SHEET

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



## MR MUSCLE – Kitchen Cleaner

Version 1.0  
Revision Date 13.05.2010

Print Date 19.01.2011  
MSDS Number 350000014283

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

#### Product information

Product name : MR MUSCLE - Kitchen 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

Not classified as dangerous according to Dangerous Preparations Directive (99/45/EC) & amendments.

Eyes : May cause eye irritation.  
No adverse effects expected when used as directed.

Skin effect : May cause skin irritation.  
No adverse effects expected when used as directed.

Inhalation : May cause respiratory tract irritation.  
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-phrased(s)	Weight percent
Quaternary ammonium compounds, benzyl-C12-18-	68391-01-5 269-919-4	C, N	R21 R22 R34 R50	>= 0.00 - < 0.50

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alkyldimethyl, chlorides				
Quaternary ammonium compounds, C12-14-alkyl[(ethylphenyl)methyl]dimethyl, chlorides	85409-23-0 287-090-7	C, N	R21 R22 R34 R50	>= 0.00 - < 0.50

### 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 : Rinse with plenty of water.  
Get medical attention if irritation develops and persists.
- Ingestion : If symptoms persist, call a physician.

### 5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- 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 : Wipe up with absorbent material (e.g. cloth, fleece).  
Keep in suitable, closed containers for disposal.

### 7. HANDLING AND STORAGE

#### Handling

- Advice on safe handling : For personal protection see section 8.

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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

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 : No special requirements.

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.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Appearance

Form : liquid

Colour : colourless

Odour : characteristic

### Safety data

pH : 10.8 - 11.4

Flash point : no data available

Flammability : Does not sustain combustion.

Vapour pressure : no data available

Density : no data available

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Water solubility : completely soluble

### 10. STABILITY AND REACTIVITY

Conditions to avoid : not applicable  
Materials to avoid : None.  
Hazardous decomposition products : Stable under normal conditions.  
Hazardous reactions : None known.

### 11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : LD50  
Calculated > 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 : May irritate 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.

### 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 legislation.  
Please recycle empty packaging.  
Contaminated 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

#### Labelling according to EC Directives

Hazardous components which must be listed on the label:

Chemical Name	CAS-No.	Weight percent
Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides	68391-01-5	0.11
Quaternary ammonium compounds, C12-14-alkyl[(ethylphenyl)methyl]dimethyl, chlorides	85409-23-0	0.11

S-phrase(s) : S 2 Keep out of the reach of children.  
S23 Do not breathe spray.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S51 Use only in well-ventilated areas.

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**

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### Contains

< 5% non-ionic surfactants

### ALSO CONTAINS

Disinfectants, perfume

## 16. OTHER INFORMATION

### Further information

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

R21 Harmful in contact with skin.

R21 Harmful in contact with 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.