

SAFETY DATA SHEET

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



MR MUSCLE MULTI- SURFACE CLEANER

Version 1.0
Revision Date 25.02.2009

Print Date 15.12.2011
MSDS Number 350000007572

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

Product information

Product name : MR MUSCLE MULTI-SURFACECLEANER

Use of the
Substance/Preparation : 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 irritate eyes.

Skin effect : May irritate skin.

Inhalation : May cause respiratory tract irritation.

Ingestion : May cause abdominal discomfort.

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 %
Propylene glycol monobutyl ether	5131-66-8 225-878-4	Xi	R36/38	>= 1.00 - < 5.00
Propan-2-ol	67-63-0 200-661-7	F, Xi	R11 R36 R67	>= 0.50 - < 1.00

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Ethanolamine	141-43-5 205-483-3	C	R20/21/22 R34	>= 0.50 - < 1.00
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4. FIRST AID MEASURES

- Inhalation : Remove to fresh air.
- 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 : In case of fire and/or explosion do not breathe fumes.
Exposure to decomposition products may be a hazard to health.
- Special protective equipment for fire-fighters : Refer to current EN or National standard as appropriate.
Wear suitable protective clothing and gloves.
In the event of fire, wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Use personal protective equipment.
- Environmental precautions : Outside of normal use, avoid release to the environment.
Use appropriate containment to avoid environmental contamination.
- 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.
- Advice on protection against fire and explosion : Normal measures for preventive fire protection.

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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

Components	CAS-No.	mg/m3	ppm	Form of exposure	List
Propan-2-ol	67-63-0	1,250 mg/m3	500 ppm		UK_WELSTEL
		999 mg/m3	400 ppm		UK_WELTWAS
Ethanolamine	141-43-5	7.6 mg/m3	3 ppm		EUOEL_STEL
		2.5 mg/m3	1 ppm		EUOEL_TWAS
		7.6 mg/m3	3 ppm		UK_WELSTEL
		2.5 mg/m3	1 ppm		UK_WELTWAS

Personal protective equipment

Hand protection : Wear suitable gloves.
The selected protective gloves have to satisfy the specifications of EU Directive 89/689/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 : clear

Odour : characteristic

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Safety data

pH	: 10.8
Flash point	: 54 °C
Flammability (solid, gas)	: Does not sustain combustion.
Autoignition temperature	: no data available
Vapour pressure	: not determined
Water solubility	: completely soluble
Solubility in other solvents	: not applicable
Viscosity, dynamic	: < 10 mPa.s

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 estimated > 2 g/kg May cause abdominal discomfort.
Acute inhalation toxicity	: Excessive exposure to spray mist, fog or vapour may cause respiratory irritation.
Acute dermal toxicity	: 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.
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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 legislation.
Please recycle empty packaging.
- Contaminated packaging : Do not re-use empty containers.

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

- S-phrase(s) : S 2 Keep out of the reach of children.
S23 Do not breathe spray.
S51 Use only in well-ventilated areas.

- : 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

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ALSO CONTAINS
perfume

16. OTHER INFORMATION

Further information

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

R36/38	Irritating to eyes and skin.
R11	Highly flammable.
R36	Irritating to eyes.
R67	Vapours may cause drowsiness and dizziness.
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R34	Causes burns.

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.