

Mr. Muscle Professional Glass Cleaner

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

Product name : Mr. Muscle Professional Glass Cleaner
 Pack code : 403530
 Size : 750 ml
 Supplier : S C Johnson Professional
 Frimley Green, Camberley, Surrey GU16 5AJ, UK
 Tel: +44 (0) 1276 852852, FAX: +44 (0) 1276 852800
 Emergency telephone number : +44 (0) 1276 852852

2. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/preparation : Preparation

Information on Hazardous Ingredients*

Chemical name	CAS No.	%	EC Number	Symbol	R-Phrases
Propan-2-ol	67-63-0	1-5	200-661-7	F	R11
2-butoxyethanol	111-76-2	5-10	203-905-0	Xn	R20/21/22, R37
acetone	67-64-1	1-5	200-662-2	F	R11

Occupational Exposure Limit(s), if available, are listed in Section 8

3. HAZARDS IDENTIFICATION

Physical/chemical hazards : Flammable.
 Human health hazards : This product is not dangerous according to the EU regulations (67/548/EEC-88/379/EEC).
 Environmental hazards : No environmental hazards have been reported or known.

4. FIRST-AID MEASURES

Effects and symptoms

Inhalation : May be irritating to nose, throat, and respiratory tract.
 Ingestion : May be irritating to mouth, throat and stomach.
 Skin contact : May be mildly irritating to skin.
 Eye contact : May be moderately irritating to eyes.

First-aid measures

Inhalation : If breathing is difficult: Remove to fresh air. Get medical attention.
 Ingestion : Immediately drink plenty of water. Never give anything by mouth to an unconscious person. Get medical attention.
 Skin contact : Immediately wash off with plenty of water. If irritation develops, get medical attention.
 Eye contact : Immediately wash out with water. If irritation develops, get medical attention.

5. FIRE-FIGHTING MEASURES

Extinguishing media : Dry chemical, carbon dioxide.
 Special fire-fighting procedures : Fight fire from protected location or maximum possible distance.
 Unusual fire/explosion hazards : None known.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Put on appropriate personal protective equipment (see Section 8).
 Environmental precautions and cleanup methods : Eliminate all ignition sources. In the event of major spillage: Use appropriate containment to avoid environmental contamination. Take up with sand or other incombustible material. Place in suitable clean, dry containers for disposal by approved methods. Use a water rinse for final cleanup.

7. HANDLING AND STORAGE

Handling : Avoid contact with skin and eyes.
 Storage : Store in a dry, cool and well-ventilated area. Keep away from heat. Protect from freezing. Keep out of the reach of children. For Professional use only. Keep away from sources of ignition. No smoking.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

When handling product as supplied:

Engineering controls : No special ventilation requirements. General room ventilation is adequate.

Occupational Exposure Limits

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Chemical name	OEL
Propan-2-ol	TWA: 999 STEL: 1250 (mg/m ³) from Health and Safety Executive [United Kingdom (UK)]
2-butoxyethanol	TWA: 123 (mg/m ³) from Health and Safety Executive [United Kingdom (UK)] SKIN
acetone	TWA: 1810 STEL: 3620 (mg/m ³) from Health and Safety Executive [United Kingdom (UK)]

Personal protective equipment

Respiratory system	: No specific personal protection equipment is required.
Skin and body	: If major exposure is possible, wear suitable protective clothing.
Hands	: Rubber gloves recommended for prolonged or repeated skin contact.
Eyes	: Safety glasses recommended.

Information should be confirmed by workplace assessment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	: Liquid
Colour	: Clear Green.
Odour	: Faint odour
Solubility	: Easily soluble in cold water.
pH	: 8.5 to 9.5 [Basic.]
Flash point	: CLOSED CUP: 25°C (77°F).
Viscosity	: <5 cP (Dynamic).

10. STABILITY AND REACTIVITY

Stability	: The product is stable.
Conditions to Avoid	: Excessive heat.
Hazardous Reactions	: None known.
Hazardous decomposition products	: None known.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity	: LD ₅₀ estimated to be > 2000 mg/kg.
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Local effects

Skin irritation	: See section 4.
Eye irritation	: See section 4.
Sensitization	: None known.
Chronic toxicity	: None known.

Specific effects

Carcinogenicity	: None known.
Mutagenicity	: None known.
Reproduction toxicity	: None known.

12. ECOLOGICAL INFORMATION

No environmental hazards have been reported or known.

According to EC Criteria (73/404/ECC): All surfactants in this product covered by legislation are over 90% biodegradable.

13. DISPOSAL CONSIDERATIONS

Methods of disposal	: Disposal according to the local legislation.
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14. TRANSPORT INFORMATION

International transport regulations

UN number	: UN1993
Packing group	: III

Land - Road/Railway

Proper shipping name	: Limited quantity of flammable liquid n.o.s. mixture contains acetone
ADR/RID Class	: 3
ADR/RID Item number	: 31°C

Sea

Proper shipping name	: Limited quantity of flammable liquid n.o.s. mixture contains acetone
IMDG Class	: 3.3
Medical First Aid Guide (MFAG)	: 4.2
Emergency Schedules (EmS)	: 3-07
Marine pollutant	: None.

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15. REGULATORY INFORMATION

National regulations

United Kingdom: No additional national regulations are known to the supplier.

EU Regulations

EU Classification : FLAMMABLE.
(67/548/EEC-88/379/EEC)

Risk phrases : R10- Flammable.

Safety phrases : S2- Keep out of the reach of children.
S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

EINECS Status : All components are included in the EINECS inventories.

16. OTHER INFORMATION

Detergent/Cleaner Labelling : (0.2 - <5%) Non-ionic surfactants.
(89/542/EEC)

HISTORY

Date of printing : 05 Jan, 2000.

Date of previous issue : 28 Apr, 1998.

The information provided in this Safety Data Sheet is correct to the best of our knowledge at the date of issue and covers applications when used as directed.

Date of issue 03 Sep, 1999.

Version 1

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