

# Mr. Muscle Professional Multisurface Cleaner

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

Product name : Mr. Muscle Professional Multisurface Cleaner  
 Pack code : 403520  
 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
Ethanol	64-17-5	1-5	200-578-6	F	R11
2-butoxyethanol	111-76-2	1-5	203-905-0	Xn	R20/21/22, R37
Tetrasodium EDTA	64-02-8	0.1-1	200-573-9	Xi	R36/38

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

## 3. HAZARDS IDENTIFICATION

No physical/chemical, environmental or human health 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 moderately 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, water spray, foam, carbon dioxide.  
 Special fire-fighting procedures : None known.  
 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 : In the event of major spillage: Use appropriate containment to avoid environmental contamination. Take up with inert absorbing 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. Do not mix with other cleaning products.  
 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.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

When handling product as supplied:

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

Occupational Exposure Limits

## Mr. Muscle Professional Multisurface Cleaner

<b>Chemical name</b>	<b>OEL</b>
Ethanol	TWA: 1920 (mg/m <sup>3</sup> ) from Health and Safety Executive [United Kingdom (UK)]
2-butoxyethanol	TWA: 123 (mg/m <sup>3</sup> ) from Health and Safety Executive [United Kingdom (UK)] SKIN

### Personal protective equipment

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

Information should be confirmed by workplace assessment.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state</b>	: Liquid
<b>Colour</b>	: Clear Red.
<b>Odour</b>	: Characteristic.
<b>Solubility</b>	: Easily soluble in cold water.
<b>pH</b>	: 12 to 13 [Basic.]
<b>Specific gravity</b>	: 1.001
<b>Flash point</b>	: CLOSED CUP: 62°C (143.6°F).
<b>Viscosity</b>	: <5 cP (Dynamic).

### 10. STABILITY AND REACTIVITY

<b>Stability</b>	: The product is stable.
<b>Conditions to Avoid</b>	: None known.
<b>Hazardous Reactions</b>	: Do not mix with other cleaning products.
<b>Hazardous decomposition products</b>	: None known.

### 11. TOXICOLOGICAL INFORMATION

<b>Acute Toxicity</b>	: LD <sub>50</sub> estimated to be > 2000 mg/kg.
<b>Local effects</b>	
<b>Skin irritation</b>	: See section 4.
<b>Eye irritation</b>	: See section 4.
<b>Sensitization</b>	: None known.
<b>Chronic toxicity</b>	: None known.
<b>Specific effects</b>	
<b>Carcinogenicity</b>	: None known.
<b>Mutagenicity</b>	: None known.
<b>Reproduction toxicity</b>	: 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.

### 14. TRANSPORT INFORMATION

This product is not classified for transport under ADR/IMDG regulations.

### 15. REGULATORY INFORMATION

#### National regulations

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

#### EU Regulations

<b>EU Classification</b> (67/548/EEC-88/379/EEC)	: Classified as non-hazardous according to current legislation.
<b>EINECS Status</b>	: All components are included in the EINECS inventories.

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### 16. OTHER INFORMATION

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

#### HISTORY

Date of printing : 05 Jan, 2000.  
Date of previous issue : 20 Jul, 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

Page: 3/3