

AJOHN ASTLEY & SONS LTD

MATERIAL SAFETY DATA SHEET

52423

18/01/07

MR MUSCLE MULTI SURFACE CLEANER

1. IDENTIFICATION OF CHEMICAL

Name of product: Mr. Muscle Professional Multi surface Cleaner

Stock Code: 52423 **Size:** 750ml

Applications: Professional kitchen hygiene product

Manufacturer: JohnsonDiversey UK Ltd
Weston Favell Centre,
Northampton, NN3 8PD
Tel 01604 405311 Fax 01604 406809
Out of hours emergencies 01604 401273

Distributor: John Astley & Sons Ltd,
Renown Avenue,
Coventry Business Park,
Coventry, CV5 6UF
Tel: (024) 7685 4545. Fax: (024) 7685 4515. E-mail: sales@astleys.co.uk

2. COMPOSITION

Name	EC No.	CAS-No.	Content	Classification *
Ethanol (OES)	200-578-6	64-17-5	< 5%	F;Xn: R10-20/21/22
2-butoxyethanol (OES)	203-905-0	111-76-2	< 5%	Xn; R20/21/22, R36/38

* The full text of Risk phrases is shown in section 16

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

3. HAZARDS IDENTIFICATION

This product contains a material with an OES/MEL published in HSE document EH40.

4. FIRST AID MEASURES

Eyes: Rinse immediately with copious amounts of water, holding the eyelids open and obtain immediate medical attention.

Inhalation: Remove from source of exposure.

Skin: Wash thoroughly with soap and water.

Ingestion: Remove product from mouth, give the casualty a small quantity of water to drink and seek medical advice. Do not induce vomiting.

5. FIRE-FIGHTING MEASURES

Extinguishing Media: Product is non-flammable and compatible with water, foam, carbon dioxide and dry powder extinguishers.

Suitable extinguishing media for the surrounding fire should be used.

May evolve toxic fumes if involved in a fire.

Fire fighters should wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Cleanup methods: Hose away with plenty of water diluting to at least 2.5% w/v (25 g/litre) unless this would contaminate a water course or vegetation, in which case either collect, dilute as earlier and pour down wastewater drain (foul sewer) or absorb onto dry sand or similar material and dispose of to a licensed waste management company.

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7. HANDLING AND STORAGE

- Handling:** Do not mix with any other chemicals other than, as directed.
Wear suitable personal protective equipment, as detailed in section 8.
Avoid contact with skin and eyes.
Avoid inhalation of high concentrations of mist.
- Storage conditions:** Store upright in cool, well-ventilated area. Protect from extremes of temperature.
- Suitable packaging:** Must only be kept in original packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Respiratory protection:** Personal protection is not normally required unless a risk assessment indicates the need for it.
- Hand protection:** For prolonged contact, the use of rubber gloves resistant to detergents is recommended.
- Eye protection:** Personal protection is not normally required unless a risk assessment indicates the need for it.
- Skin protection:** Not required under normal circumstances.
If major exposure is possible, wear suitable protective clothing.
- Hygiene Measures:** When using do not eat, drink or smoke.
Wash promptly if skin becomes wet or contaminated.

Information should be confirmed by workplace assessment.

OES/MEL:

HSE publication EH40 2-Butoxyethanol: O.E.S. 123 mg/cu.m 8 hour TWA
B.M.V. 240 mmol butoxyacetic acid / mol creatinine in urine
Vapour can be absorbed through intact skin

Ethanol (I.M.S.): O.E.S. 1920 mg/cu.m 8 hour TWA

Ingredient Comments: OES = Occupational Exposure Standard.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance:** Clear red liquid.
- Odour:** Slightly perfumed.
- pH:** 12.0 - 13.0
- Solubility:** Fully miscible in water.
- Specific gravity:** 1.001
- Flammability:** None Flammable.
- Flash Point:** Closed Cup: 62°C (143.6°F)
- Viscosity:** <5 cP (Dynamic).

10. STABILITY AND REACTIVITY

- Stability:** The product is stable.
Provided the product is stored in accordance with the approved guidelines there are no known hazardous decomposition products.

11. TOXICOLOGICAL INFORMATION

- Toxicity:** Unlikely to be irritant in normal use.

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12. ECOLOGICAL INFORMATION

Ecotoxicity: Ingredients according to EC 89/542:
E.D.T.A.: Less than 5%
Nonionic surfactants.: Less than 5%

13. DISPOSAL CONSIDERATIONS

Methods of disposal: This product does not contain any prescribed substance under the Environmental Protection Act (Prescribed Processes and Substances) Regulations 1991 and is not classified as special waste under the Control of Substances (Special Waste) Regulations 1996, but is classified as controlled waste under the Environmental Protection Act 1990.

For small quantities, dilute with water to at least 2.5% w/v (25 g/litre) and pour down a wastewater drain (foul sewer).

For larger quantities dispose of safely as commercial waste.
Dispose of according to local authority regulations.

Disposal of packaging: Rinse out containers at least twice and recycle if facilities exist or dispose of as commercial waste.

European waste catalogue 20 01 29 Detergents containing dangerous substances

14. TRANSPORT INFORMATION

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

15. REGULATORY INFORMATION

Hazard symbol: None required

Risk phrases: None required

Safety phrases: S-2 Keep out of reach of children
S-26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

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16. OTHER INFORMATION

Text of risk phrases in section 2:

R-10	Flammable.
R-20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R-36	Irritating to eyes.
R-37	Irritating to respiratory system.

DISCLAIMER

This information relates only to the specific material designated. Such information is, to the best of the company "s knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the users responsibility to satisfy himself as to the suitability of such information for his own particular use

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