

JOHN ASTLEY & SONS LTD

MATERIAL SAFETY DATA SHEET

52579

18/01/07

MR MUSCLE GLASS CLEANER

1. IDENTIFICATION OF CHEMICAL

Name of product: Mr. Muscle Glass Cleaner

Stock Code: 52579

Applications: Professional Glass Cleaner

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 / INFORMATION ON HAZARDOUS INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification *
2-butoxyethanol	203-905-0	111-76-2	5-15%	Xn; R20/21/22-36/38
Acetone	200-662-2	67-64-1	5-15%	F; R11-36/37/38-66-67
Propan-2-ol	200-661-7	67-63-0	< 5%	F; R11-36-67

Perfumes, Limonene

* For the full text of Risk phrases, see section 16

3. HAZARDS IDENTIFICATION

Physical/chemical hazards: This product contains a material with an WEL 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. Seek medical advice if effects persist.

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

Product: Non Flammable, In the event of a fire due to other causes the product is compatible with water, foam, carbon dioxide and dry powder extinguishers.

Unusual hazards: May evolve toxic fumes if involved in a fire. Fire fighters should wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Refer to section 8 for personal protection details.

Environmental precautions and clean-up 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 requirements:** Avoid contact with skin and eyes.
- Storage conditions:** Always ensure good ventilation when using this product.
Do not mix with any other chemicals.
Store upright in original closed containers in a cool place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Exposure controls:** Ensure adequate ventilation when applying the product.
- Personal protection:** Personal protection is not normally required unless a risk assessment indicates the need for it.

Work Exposure Limits:

Chemical name	WEL	Ref. HSE- EH40		
2-butoxyethanol	50ppm	15 mins	25ppm	8 hour TWA
Acetone	3620 mg/cu.m	15 min ref time	1210 mg/cu.m	8 hour TWA
Propan-2-ol	1250 mg/cu.m	15 min ref time	999 mg/cu.m	8 hour TWA

9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance:** Clear Green Liquid
- Odour:** Slightly Perfumed
- Solubility:** Fully miscible
- pH:** 10.0 – 10.5
- Flash point:** 32° Does not support combustion.
- Density:** 0.99 g/cm

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

- Inhalation:** May be capable of causing irritation.
- Skin contact:** Unlikely to be irritant in normal use.
- Eye contact:** Unlikely to be irritant in normal use.
- Ingestion:** Unlikely to be irritant in normal use.

12. ECOLOGICAL INFORMATION

- Ecological effects:** When used for its intended purpose this product should not cause adverse effects in the environment.

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).
- Rinse out containers at least twice and recycle if facilities exist or dispose of as commercial waste.
- European waste catalogue 20 01 13 Solvents

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14. TRANSPORT INFORMATION

Classification: Not regulated

15. REGULATORY INFORMATION

Hazard symbol: None required.

Risk phrases: None required.

Safety phrases: S-23 Do not breathe spray.
S-51 Use only in well-ventilated areas.

16. OTHER INFORMATION

Handle and apply only as recommended, for full information see product information sheet.

Text of risk phrases associated with ingredients listed in section 2.

R-11 Highly flammable.
R-20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
R-36 Irritating to eyes.
R-36/38 Irritating to eyes and skin.
R-66 Repeated exposure may cause skin dryness or cracking.
R-67 Vapours may cause drowsiness and dizziness.

DISCLAIMER

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.

Issued 16th February 2006