

SAFETY DATA SHEET**Mr. Muscle Professional Washroom Cleaner****1. Identification of the substance/preparation and of the company/undertaking**

Product name : Mr. Muscle Professional Washroom Cleaner
Supplier : JohnsonDiversey
 Weston Favell Centre
 Northampton NN3 8PD
 Tel. 01604 405311
 United Kingdom (UK)
Emergency telephone number : +44 (0) 1276 852852
Product Use : Professional cleaning/maintenance product for building care.

2. Composition/information on ingredients

Substance/Preparation : Preparation

Chemical name*	CAS no.	%	EC Number	Classification
Tetrasodium EDTA	64-02-8	5-10		Xi; R36
2-butoxyethanol	111-76-2	1-5	203-905-0	Xn; R20/21/22 Xi; R36/38
Propan-2-ol	67-63-0	1-5	200-661-7	F; R11 Xi; R36 R67
See Section 16 for the full text of the R Phrases declared above				

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

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

3. Hazards identification

The preparation is classified as dangerous according to Directive 1999/45/EC and its amendments.

Hazard symbol(s) :



Irritant

Indication of Danger : Irritant

Risk Phrases : R36- Irritating to eyes.

4. First-aid measures**First-Aid measures**

Inhalation : If breathing is affected, remove to fresh air. Get medical attention.
Ingestion : No specific first aid measures are required.
Skin contact : Immediately wash off with plenty of water. If irritation develops, get medical attention.
Eye Contact : Immediately wash out with water for at least 15 minutes. 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.

Note: See section 8 for personal protective equipment and section 13 for waste disposal.

7. Handling and storage

- Handling** : Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Remove and wash contaminated clothing and footwear before re-use.
- 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.

<u>Ingredient Name</u>	<u>Occupational Exposure Limits</u>
Tetrasodium EDTA 2-butoxyethanol	Not available. HSE (United Kingdom (UK)). Skin TWA: 123 mg/m ³
Propan-2-ol	HSE (United Kingdom (UK)). TWA: 999 mg/m ³ STEL: 1250 mg/m ³

Personal protective equipment

- Respiratory system** : No specific personal protection equipment is required.
- Skin and body** : No specific personal protection equipment is required.
- Hands** : Rubber gloves recommended.
- Eyes** : Safety glasses with side shields.

Information should be confirmed by workplace assessment.

9. Physical and chemical properties

- Physical state** : Liquid.
- Colour** : Blue.
- Odour** : Faint odour
- pH** : 13 to 14 (Conc. (% w/w): 100) [Basic.]
- Flash point** : Closed cup: 50°C (122°F). Non combustible.
- Specific Gravity** : 1
- Solubility** : Easily soluble in cold water.
- Viscosity** : <5 cP (Dynamic).

10. Stability and reactivity

- Stability** : The product is stable.
- Conditions to Avoid** : None known.
- Hazardous reactions** : None known.
- Hazardous decomposition products** : None known.

11. Toxicological information

- Acute toxicity** : LD₅₀ estimated to be > 2000 mg/kg.

Effects and symptoms

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

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Chronic toxicity : None known.

12. Ecological information

Environmental hazards : When used for its intended purpose this product should not cause adverse effects in the environment.

13. Disposal considerations

Methods of disposal : Disposal according to the local legislation.

European Waste Catalogue (EWC) : 20 01 29

Hazardous Waste : The classification of the product may meet the criteria for a hazardous waste

14. Transport information

International transport regulations

Regulatory Information	UN number	Proper shipping name	Class	Packing group	Label	Additional Information
ADR/RID Class	Not regulated.	-	-			-
IMDG Class	Not regulated.	-	-			-
IATA-DGR Class	Not regulated.	-	-			-

15. Regulatory information

EU Regulations

Hazard symbol(s) :



Irritant

Indication of Danger : Irritant

Risk Phrases : R36- Irritating to eyes.

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.

S37- Wear suitable gloves.

16. Other information

Full text of R-Phrases with no. appearing in Section 2 - United Kingdom (UK) : R11- Highly flammable.
R20/21/22- Harmful by inhalation, in contact with skin and if swallowed.
R36- Irritating to eyes.
R36/38- Irritating to eyes and skin.
R67- Vapours may cause drowsiness and dizziness.

Text of classifications appearing in Section 2 - United Kingdom (UK) : F - Highly flammable
Xn - Harmful
Xi - Irritant

MSDS code : JSDS99650

Formula No. : 675173.002

HISTORY

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Notice to Reader

This update concerns a re-issue related to the introduction of 99/45/EC and 2001/58/EC, and the 28th ATP of 76/768/EEC. In view of the large number of changes the individual revisions have not been indicated in this new version.

Date of issue : 11 September 2003

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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.

Version 1

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