

# SAFETY DATA SHEET

according to 1907/2006/EC

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

**JohnsonDiversey**

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Clearance Code

**MR MUSCLE WASHROOM CLEANER**  
Professional cleaning/maintenance product for building care

Product Code  
**MSDS4486**

TO :

## 2. HAZARDS IDENTIFICATION

This product contains a material with an WEL published in HSE document EH40

## 3. COMPOSITION / INFORMATION ON INGREDIENTS.

CAS No	EINECS No			
64-02-8	200-573-9	Tetrasodium ethylenediaminetetraacetate	Xn, Xi; R 22-41	(<5%)
112-34-5	203-961-6	2-(2-Butoxyethoxy)ethanol (WEL)	Xi: R36	(<5%)
68439-46-3	polymer	Alkyl alcohol ethoxylate	Xn: R22-41	(<5%)

Ingredients according to EC 648/2004:

Less than 5% : Nonionic surfactants, E.D.T.A.

Disinfectants, Perfumes, Benzyl salicylate, Linalool.

Full text of risk phrases are given in section 16.

## 4. FIRST AID MEASURES

- Eyes :** Rinse immediately with plenty of water, holding the eyelids open and seek medical advice if effects persist.
- Inhalation :** Remove from source of exposure.
- Skin :** Wash thoroughly.
- 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

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. May evolve toxic fumes if involved in a fire. Firefighters should wear self contained breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURES

Hose away with plenty of water diluting to at least 5% w/v (50 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.

## 7. HANDLING & STORAGE

Avoid contact with eyes. Rinse and dry hands after use, for prolonged contact protection of the hands may be necessary. Always ensure good ventilation when using this product. Prevent formation of aerosols. Do not mix with any other chemicals other than as advised by your JohnsonDiversey representative.

Store upright in original closed containers in a cool place.

## 8. EXPOSURE CONTROL / PERSONAL PROTECTION

- Hand :** Personal protection is not normally required unless a risk assessment indicates the need for it.
- Eyes :** Personal protection is not normally required unless a risk assessment indicates the need for it.
- Skin :** Personal protection is not normally required unless a risk assessment indicates the need for it.
- Respiration :** Personal protection is not normally required unless a risk assessment indicates the need for it.

**WEL :** 2-(2-Butoxyethoxy)ethanol:  
W.E.L. 67.5 mg/m<sup>3</sup> 8-hour TWA  
W.E.L. 101.2 mg/m<sup>3</sup> 15 min ref time

ref. HSE publication EH40

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**9. PHYSICAL & CHEMICAL PROPERTIES**

Appearance :	Pale yellow liquid	Odour :	Slightly perfumed
pH :	> 12.5	Solubility :	Fully miscible in water.
Density :	1.03 g/cm <sup>3</sup>		

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**10. STABILITY & REACTIVITY**

Reacts with acids. Provided the product is stored in accordance with the approved guidelines there are no known hazardous decomposition products.

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**11. TOXICOLOGICAL INFORMATION**

Eyes :	Unlikely to be irritant in normal use.
Skin :	Unlikely to be irritant in normal use.
Inhalation :	Capable of causing irritation.
Ingestion :	Unlikely to be irritant in normal use.

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**12. ECOLOGICAL INFORMATION**

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

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**13. DISPOSAL CONSIDERATIONS**

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 5% w/v (50 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 30** Detergents other than those mentioned in 20 01 29

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**14. TRANSPORT INFORMATION**

EEC Regulation :	Not regulated
IMDG/UN :	Not regulated
RID/ADR :	Not regulated
ICAO/IATA :	Not regulated

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**15. REGULATORY INFORMATION**

Hazard symbol :	None required
Risk phrases :	None required
Safety phrases :	S23 Do not breathe spray
	S51 Use only in well-ventilated areas

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**16. OTHER INFORMATION**

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

Internal Reference:- MSDS4486-03(12-Feb-2009), FAKBM08W52

**Text of risk phrases associated with ingredients in section 3.**

R22	Harmful if swallowed
R36	Irritating to eyes.
R41	Risk of serious damage to eyes.

Change made to section 3, 7, 8, 9 and 16.