

# SAFETY DATA SHEET

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

**JohnsonDiversey**

**JohnsonDiversey UK Limited**

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Clearance Code

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

Product Code  
**MSDS4486**

TO :

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

CAS No	EINECS No			
111-76-2	203-905-0	2-Butoxyethanol (WEL)	Xn: R20/21/22-36/38	(<5%)
67-63-0	200-661-7	Propan-2-ol (WEL)	Xi, F: R11-36-67	(<5%)
64-02-8	200-573-9	Tetrasodium ethylenediaminetetraacetate	Xn: R22-36	(<5%)

Ingredients according to EC 648/2004:

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

Perfumes.

Full text of R-phrases is given in section 16.

## 3. HAZARDS IDENTIFICATION

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.

**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. 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-Butoxyethanol:  
W.E.L. 123 mg/cu.m 8 hour TWA  
W.E.L. 245 mg/cu.m 15 mins  
B.M.V. 240 mmol butoxyacetic acid / mol creatinine in urine  
Vapour can be absorbed through intact skin

Propan-2-ol, (Isopropanol), (Isopropyl Alcohol)  
W.E.L. 1250 mg/cu.m 15 min ref time  
W.E.L. 999 mg/cu.m 8 hour TWA

ref. HSE publication EH40

## 9. PHYSICAL & CHEMICAL PROPERTIES

<b>Appearance :</b>	Clear blue liquid	<b>Odour :</b>	Slightly perfumed
<b>pH :</b>	12.0 - 12.5	<b>Solubility :</b>	Fully miscible in water.
<b>Density :</b>	1.01 g/cm <sup>3</sup>		

## 10. STABILITY & REACTIVITY

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

## 11. TOXICOLOGICAL INFORMATION

**Eyes :** Unlikely to be irritant in normal use.  
**Skin :** Unlikely to be irritant in normal use.  
**Inhalation :** Unlikely to be irritant in normal use.  
**Ingestion :** Unlikely to be irritant in normal use.

## 12. ECOLOGICAL INFORMATION

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

## 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

## 14. TRANSPORT INFORMATION

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

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

## 16. OTHER INFORMATION

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

Internal Reference:- MSDS4486-02(27-Apr-2005), 675173/003(24-Oct-2003)

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

- R11 Highly flammable
  - R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
  - R22 Harmful if swallowed
  - R36 Irritating to eyes.
  - R36/38 Irritating to eyes and skin.
  - R67 Vapours may cause drowsiness and dizziness.
- Change made to section 2 and 12.