

SAFETY DATA SHEET

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

JohnsonDiversey

JohnsonDiversey UK Limited

Weston Favell Centre Northampton NN3 8PD Tel 01604 405311 Fax 01604 406809 Emergency Call 0800 052 0185

Clearance Code

Mr. MUSCLE PROFESSIONAL WASHROOM CLEANER
Professional cleaning/maintenance product for building care

Product
Code

685453

TO :

2. COMPOSITION / INFORMATION ON INGREDIENTS

CAS No	EINECS No			
111-76-2	203-905-0	2-Butoxyethanol (OES)	Xn: R20/21/22-37	(<5%)
126-92-1	-	Alkyl sulphate	Xi: R36/38	(<5%)
67-63-0	200-661-7	Propan-2-ol (OES)	Xi, F: R11-36-67	(<5%)
64-02-8	200-573-9	Tetrasodium ethylenediaminetetraacetate	Xn: R22-36	(<5%)

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

3. HAZARDS IDENTIFICATION

Irritant - irritating to eyes.

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

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 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

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 safely as commercial waste.

7. HANDLING & STORAGE

Avoid contact with skin and eyes. Always ensure good ventilation when using this product. Rinse and dry hands after use, for prolonged contact protection of the hands may be necessary. 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 :** For prolonged contact, the use of gloves resistant to solvents is recommended.
- 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 :** When the product is used as directed, personal protective equipment is not required unless a risk assessment indicates the need for it.

OES/MEL : 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

ref. HSE publication EH40

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

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance :	Blue liquid	Odour :	Characteristic
pH :	>12.5	Solubility :	Fully miscible in water.
		Flash Point :	Closed cup: 50°C. This product with a flashpoint between 21°C & 61°C does not support combustion.
Density :	1.00 g/cm ³	Other :	Viscosity dynamic: <5 cps

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

12. ECOLOGICAL INFORMATION

Ingredients according to EC 89/542:
Less than 5% : Anionic surfactants.
Less than 5% : E.D.T.A.
Also contains disinfectants.

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. For larger quantities dispose of safely as commercial waste.

European waste catalogue 20 01 29 Detergents containing dangerous substances

14. TRANSPORT INFORMATION

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

15. REGULATORY INFORMATION

Hazard symbol : Xi, IRRITANT
Risk phrases : R36 Irritating to eyes.
Safety phrases : S2 Keep out of reach of children.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
This product contains a material with an OES/MEL published in HSE document EH40.

16. OTHER INFORMATION

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

Internal Reference:- MSDS 03-Sep-1999 - Mr. Muscle Professional Washroom Cleaner

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.
- R37 Irritating to respiratory system.
- R67 Vapours may cause drowsiness and dizziness.