

SAFETY DATA SHEET

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

JohnsonDiversey UK Ltd

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JohnsonDiversey
Clean is just the beginning



Clearance Code

Mr. MUSCLE KITCHEN CLEANER

Professional kitchen hygiene product

Product Code

MSDS4189

TO : **BCHS Ltd**
Unit 8 Gravelly Industrial Park Tyburn Road
Birmingham
West Midlands
B24 8TB

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%)
64-17-5	200-578-6	Ethanol (WEL)	F, Xn: R10 - 20/21/22	(<5%)

Ingredients according to EC 648/2004:

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

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 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 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

Ethanol (I.M.S.): W.E.L. 1920 mg/cu.m 8 hour TWA

ref. HSE publication EH40

Date: 28/07/2005

Revision Number: 1

Page: 1 of 2

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance :	Clear colourless liquid	Odour :	Characteristic
pH :	>12.5	Solubility :	Fully miscible in water
		Other :	Viscosity dynamic: @ 20°C 1.00g/cm ^o

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 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 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:- MSDS4189-02(28-Apr-2005), 675192/001(20-Aug-2003)

Text of risk phrases associated with ingredients in section 2.

R10 Flammable.

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

R36/38 Irritating to eyes and skin.

Change made to section 2, 5 and 12.