

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 PROFESSIONAL FLOOR CLEANER
Professional cleaning/maintenance product for building care

Product
Code

685354

TO :

2. COMPOSITION / INFORMATION ON INGREDIENTS

CAS No	EINECS No			
141-43-5	205-483-3	2-Aminoethanol (OES)	Xn: R20-36/37/38	(<5%)
-	polymer	Alkoxylated alcohol	Xi: R36/38	(<5%)
68439-46-3	polymer	Alkyl alcohol ethoxylate	Xn: R22-41	(<5%)
-	-	Fatty acid Sulphonate	Xi: R36/38	(<5%)

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

3. HAZARDS IDENTIFICATION

This product contains a material with an OES/MEL 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 to a licensed waste management company.

7. HANDLING & STORAGE

Avoid contact with skin and 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.

OES/MEL : 2-Aminoethanol, (Ethanolamine), (Monoethanolamine)
O.E.S. 15 mg/cu.m 15 min ref time
O.E.S. 7.6 mg/cu.m 8 hour TWA

ref. HSE publication EH40

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance :	Green liquid	Odour :	Characteristic
pH :	11.0 - 12.0	Solubility :	Fully miscible in water.
		Flash Point :	Closed cup: 60°C. This product with a flashpoint between 21°C & 61°C does not support combustion.
Density :	1.01 g/cm ³		

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

Ingredients according to EC 89/542:
5% to 15% : Nonionic surfactants.
Less than 5% : Anionic surfactants.
Less than 5% : Nitrilotriacetic acid.

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 29 Detergents containing dangerous substances

14. TRANSPORT INFORMATION

EEC Regulation :	C, CORROSIVE, Corrosive Liquid, Basic, Organic, NOS, (Monoethanolamine), UN3267, Hazchem 2X
IMDG/UN :	Corrosive Liquid, Basic, Organic, NOS, (Monoethanolamine), UN3267, Class 8, PG III
RID/ADR :	Class 8, Item 56°C
ICAO/IATA :	Passenger Aircraft: 818, Y818, Cargo Aircraft: 820

15. REGULATORY INFORMATION

Hazard symbol :	None required
Risk phrases :	None required
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 Floor Cleaner

Text of risk phrases associated with ingredients in section 2.

R20	Harmful by inhalation.
R36/38	Irritating to eyes and skin.
R36/37/38	Irritating to eyes, respiratory system and skin.
R41	Risk of serious damage to eyes.