

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 WINDOW & GLASS
Professional cleaning/maintenance product for building care

Product Code
MSDS4350

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	(5-15%)
67-64-1	200-662-2	Acetone (WEL)	Xi: R11-36/37/38-66-67	(5-15%)
67-63-0	200-661-7	Propan-2-ol (WEL)	Xi, F: R11-36-67	(<5%)

Perfumes, Limonene

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. Seek medical advice if effects persist.
- 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 2.5% w/v (25 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. Always ensure good ventilation when using this product. 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 :** Personal protection is not normally required unless a risk assessment indicates the need for it. Ensure adequate ventilation when applying the product.

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

Acetone
W.E.L. 3620 mg/cu.m 15 min ref time
O.E.S. 1210 mg/cu.m 8 hour TWA

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

Appearance :	Clear Green Liquid	Odour :	Slightly Perfumed
pH :	10.0 - 10.5	Solubility :	Fully miscible
Density :	0.99 g/cm ³	Flash Point :	32° Pensky M. cc This product with a flashpoint between 21°C & 61°C does not support combustion.

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 : May be capable of causing irritation.
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 13** Solvents

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.

16. OTHER INFORMATION

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

Internal Reference:- MSDS4350-01(09-Dec-2005) FACLW05W46

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

R11 Highly flammable.

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

R36 Irritating to eyes.

R36/38 Irritating to eyes and skin.

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.