

SAFETY DATA SHEET

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

JohnsonDiversey

JohnsonDiversey UK Limited

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Clearance Code
R59417**SUMA MULTI D2 CONC**
Professional kitchen hygiene productProduct Code
646372TO: NHS Logistics Authority
NORMANTON

2. COMPOSITION / INFORMATION ON INGREDIENTS

CAS No	EINECS No			
141-43-5	205-483-3	Alkyl alcohol ethoxylate	Xn: R22-41	(>30%)
85480-55-3	287-335-8	2-Aminoethanol (OES)	Xn: R20-36/37/38	(5-15%)
67-63-0	200-661-7	Monoethanolamine Alkylbenzenesulphonate	Xn: R22-38-41	(5-15%)
107-98-2	203-539-1	Propan-2-ol (OES)	Xi, F: R11-36-67	(<5%)
		1-Methoxypropan-2-ol (OES)	(F): R10, Vapour can be absorbed through intact skin	(<5%)

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

3. HAZARDS IDENTIFICATION

Harmful - harmful if swallowed. Irritant - risk of serious damage to eyes.
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. 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 if they are conscious 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 and suitable protective clothing including gloves and eye/face protection.

6. ACCIDENTAL RELEASE MEASURES

Wear suitable gloves and eye/face protection. Hose away with plenty of water diluting to at least 0.5% w/v (5 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. Wear suitable gloves and eye/face protection. Do not breathe vapour or spray mist. 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 : Use gloves resistant to alkalis.
Eyes : When handling neat product wear eye/face protection to EN 166.
Skin : Wear normal workware overalls or coat.
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

1-Methoxypropan-2-ol, (Propylene glycol monomethyl ether)
 O.E.S. 1120 mg/cu.m 15 min ref time
 O.E.S. 375 mg/cu.m 8 hour TWA
 Vapour can be absorbed through intact skin

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 :	Clear blue liquid.	Odour :	Slightly perfumed
pH :	11.0 - 11.5	Solubility :	Fully miscible in water.
Density :	1.05 g/cm ³		

10. STABILITY & REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

Eyes : Strong irritant with the danger of severe eye injury.
Skin : Unlikely to be irritant in normal use.
Inhalation : Irritant.
Ingestion : Harmful.

12. ECOLOGICAL INFORMATION

Ingredients according to EC 89/542:
 More than 30% : Nonionic surfactants.
 5% to 15% : Anionic surfactants.

13. DISPOSAL CONSIDERATIONS

This product does not contain any prescribed substance under the Environmental Protection Act (Prescribed Processes and Substances) Regulations 1991 but is classified as special waste under the Control of Substances (Special Waste) Regulations 1996. For small quantities wear suitable gloves and eye/face protection. Dilute with water to at least 0.5% w/v (5 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 contact a licensed waste management company. **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 : Xn, HARMFUL, Contains Alkyl alcohol ethoxylate.
Risk phrases : R22 Harmful if swallowed.
 R41 Risk of serious damage to eyes.
Safety phrases : S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 S39 Wear eye/face protection.
 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:- MSDS3431 (18-Jun-2002),KH.HS.Dt13-01(01-Dec-2001)

Text of risk phrases associated with ingredients in section 2.

- R10 Flammable.
 - R11 Highly flammable.
 - R20 Harmful by inhalation.
 - R22 Harmful if swallowed.
 - R36 Irritating to eyes.
 - R36/37/38 Irritating to eyes, respiratory system and skin.
 - R38 Irritating to skin.
 - R41 Risk of serious damage to eyes.
 - R67 Vapours may cause drowsiness and dizziness.
- Changes made to section 2, 6, 8, 12 and 13.