

SAFETY DATA SHEET

according to 1907/2006/EC

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
MSDS3431

TO :

2. HAZARDS IDENTIFICATION

Harmful - harmful if swallowed.

Irritant - risk of serious damage to eyes.

Irritant - irritating to respiratory system and skin.

This product contains a material with an WEL published in HSE document EH40.

3. COMPOSITION / INFORMATION ON INGREDIENTS.

| CAS No | EINECS No | | | |
|------------|-----------|---|--|---------|
| 69011-36-5 | polymer | Alkyl alcohol ethoxylate | Xn, Xi: R22-41 | (>30%) |
| 141-43-5 | 205-483-3 | 2-Aminoethanol (WEL) | C: R20/21/22-34 | (5-15%) |
| 85480-55-3 | 287-335-8 | Monoethanolamine Alkylbenzenesulphonate | Xn, Xi: R22-38-41 | (5-15%) |
| 67-63-0 | 200-661-7 | Propan-2-ol (WEL) | Xi, F: R11-36-67 | (<5%) |
| 107-98-2 | 203-539-1 | 1-Methoxypropan-2-ol (WEL) | (F): R10, Vapour can be absorbed through intact skin | (<5%) |

Ingredients according to EC 648/2004:

More than 30% : Nonionic surfactants

5% to 15% : Anionic surfactants

Perfumes, Citronellol, Limonene.

Full text of risk phrases are given in section 16.

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 skin immediately and thoroughly with water. Remove contaminated clothing. Obtain medical attention if symptoms develop.
- 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.

6. ACCIDENTAL RELEASE MEASURES

Wear suitable gloves and eye/face protection. 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 skin and eyes. Wear suitable gloves and eye/face protection. 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 :** Use gloves resistant to 2-aminoethanol.
- Eyes :** When handling neat product wear eye/face protection to EN 166.

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-Aminoethanol, (Ethanolamine), (Monoethanolamine)
W.E.L. 7.6 mg/m³ 15 min ref time
W.E.L. 2.5 mg/m³ 8 hour TWA.

ref. HSE publication EH40

1-Methoxypropan-2-ol, (Propylene glycol monomethyl ether)
W.E.L. 560 mg/cu.m 15 min ref time
W.E.L. 375 mg/cu.m 8 hour TWA
Vapour can be absorbed through intact skin

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

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 : Irritant
Inhalation : Irritant
Ingestion : Harmful and Irritant

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 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 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. 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.
R37/38 Irritating to respiratory system and skin.
R41 Risk of serious damage to eyes.
Safety phrases : S23 Do not breathe
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37/39 Wear suitable gloves and eye/face protection.
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:- MSDS3431-07 (19-Dec-2007), FAJDF07W42

Text of risk phrases associated with ingredients in section 3.

R11 Highly flammable.

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

R22 Harmful if swallowed.

R34 Causes burns.

R36 Irritating to eyes.

R38 Irritating to skin.

R41 Risk of serious damage to eyes.

R67 Vapours may cause drowsiness and dizziness.

Change made to section 2, 3, 4, 8 and 16.