SAFETY DATA SHEET

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

JohnsonDiversey

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Clearance Code
R58590

SUMA MULTI D2
Professional kitchen hygiene product

Product Code **MSDS3418**

TO :

2. COMPOSITION / INFORMATION ON INGREDIENTS

CAS No	EINECS No			
		Alkyl alcohol ethoxylate	Xn: R22-41	(5-15%)
141-43-5	205-483-3	2-Aminoethanol (OES)	Xn: R20-36/37/38	(<5%)
85480-55-3	287-335-8	Monoethanolamine Alkylbenzenesulphonate	Xn: R22-38-41	(<5%)

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

3. HAZARDS IDENTIFICATION

Irritant - irritating to eyes.
This product contains a material with an OES/MEL published in HSE document EH40.

4. FIRST AID MEASURES

Eyes : Rinse immediately with plenty of water, holding the eyelids open and seek medical advice.

Inhalation : Remove from source of exposure.

Skin : Wash thoroughly.

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 safely as commercial waste.

7. HANDLING & STORAGE

Avoid contact with eyes. Rinse and dry hands after use, for prolonged contact protection of the hands may be necessary. 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 rubber gloves resistant to detergents 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.

OES/MEL : 2-Aminoethanol, (Ethanolamine), (Monoethanolamine) **ref. HSE publication EH40**
O.E.S. 15 mg/cu.m 15 min ref time
O.E.S. 7.6 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 :	1.01 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 : Irritant

Skin : Unlikely to be irritant in normal use.

Inhalation : Inhalation of spray mists may cause discomfort and should be avoided.

Ingestion : Irritant

12. ECOLOGICAL INFORMATION

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

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. For larger quantities dispose of safely as commercial waste. **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 : Xi, IRRITANT.

Risk phrases : R36 Irritating to eyes.

Safety phrases : S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
Rinse and dry hands after use. For prolonged contact, protection for the skin may be necessary
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:- MSDS3418 (16-Jul-2002), KH.HS.Dt14 (01-Aug-2001)

Text of risk phrases associated with ingredients listed in section 2.
R20 Harmful by inhalation.
R22 Harmful if swallowed.
R36/37/38 Irritating to eyes, respiratory system and skin.
R38 Irritating to skin.
R41 Risk of serious damage to eyes.
Changes made to section 2, 6, 11, 12 and 13.