

SAFETY DATA SHEET

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

Diversey Eastern and Central Africa Ltd

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Clearance Code
R58039

SUMA SOL D4.8
Disinfectant product for professional use.

Product Code
MSDS1379

TO :

2. COMPOSITION / INFORMATION ON INGREDIENTS

CAS No	EINECS No			
51580-86-0	220-767-7	Sodium dichloroisocyanurate dihydrate	Xn, N: R22-31-36/37-50/53	(5-15%)

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

3. HAZARDS IDENTIFICATION

Contact with acids liberates toxic gas. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. 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 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

Wear suitable respiratory protection. Sweep up and dispose of safely as solid waste. Hose down area with plenty of water, diluting to at least 2.5% w/w (25 g/litre).

7. HANDLING & STORAGE

Avoid contact with skin and eyes. Prevent the formation of dust. Do not mix with any other chemicals other than as advised by your JohnsonDiversey representative. Do not mix with acids.

Store in original closed containers in a cool, dry place. Keep away from acids.

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. For low levels of exposure use mask suitable for non-toxic nuisance and respirable dusts.

OES/MEL : Dusts: Total inhalable O.E.S. 10 mg/cu.m 8 hour TWA
Respirable O.E.S. 5 mg/cu.m 8 hour TWA

ref. HSE publication EH40

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance :	Pink powder.	Odour :	Chlorine like
pH :	8.0 - 8.5 (1% solution)	Solubility :	Soluble in water.

Density : 1.10 g/cm³

10. STABILITY & REACTIVITY

Keep away from acids. Contact with acids liberates chlorine. Hazardous decomposition products may include chlorine. 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:

Less than 5% : Chlorine based bleaching agents.

15% to 30% : Phosphates.

The bleaching agents used in this product break down rapidly in the environment into harmless substances.

Toxic to aquatic organisms.

May cause long-term adverse effects in the aquatic environment. Based on the environmental classification, the toxicity for aquatic organisms (as defined in 67/548/EEC, Annex V) is estimated to be 1-10mg/L.

The classification of the product is due to the component(s) listed in section 2 with an environmental classification (R50-R53). The information in this section refers to the undiluted product.

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 16 03 05** Organic wastes 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 : N, Dangerous for the environment.

Risk phrases : R31 Contact with acids liberates toxic gas.

R51/53 Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.

Safety phrases : S8 Keep container dry.

S22 Do not breathe dust.

S61 Avoid release to the environment. Refer to special instructions / safety data sheets.

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:- MSDS1379 (18-Jun-2002), KH.HS.Di13-01 (March-2002)

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

R22 Harmful if swallowed.

R31 Contact with acids liberates toxic gas.

R36/37 Irritating to eyes and respiratory system.

R50/53 Very toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment..

Changes made to section 2, 3, 9, 11, 12, 13 and 15.
