

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

DL10733

SUMA UNISON OPAL G9
Professional kitchen hygiene product

Product Code

MSDS3162

TO :

2. HAZARDS IDENTIFICATION

Irritant - irritating to eyes and skin.

Contact with acids liberates toxic gas.

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

3. COMPOSITION / INFORMATION ON INGREDIENTS.

CAS No	EINECS No			
497-19-8	207-838-8	Sodium carbonate	Xi: R36	(15-30%)
6834-92-0	229-912-9	Disodium Metasilicate	C: R34-37	(5-15%)
51580-86-0	220-767-7	Sodium dichloroisocyanurate dihydrate	Xn, Xi, N: R22-31-36/37-50/53	(<5%)
7722-88-5	231-767-1	Tetrasodium Pyrophosphate (WEL)	-	(<5%)

Ingredients according to EC 648/2004:

More than 30% : Phosphates

Less than 5% : Polycarboxylates, Nonionic surfactants, Chlorine based bleaching agents

Full text of risk phrases are given in section 16.

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. 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 and suitable protective clothing including gloves and eye/face protection.

6. ACCIDENTAL RELEASE MEASURES

Wear suitable gloves and eye/face protection. Sweep up and dispose of safely as solid waste. Hose down area with plenty of water, diluting to at least 1% w/w (10 g/litre).

7. HANDLING & STORAGE

Avoid contact with skin and eyes. Wear suitable eye/face protection Prevent the formation of dust. 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. Keep away from acids. Keep dry.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Hand : Use gloves resistant to alkalis.

Eyes : Personal protection is not normally required unless a risk assessment indicates the need for it.

Skin : Wear protective overalls or bib resistant to alkalis.

Respiration : Personal protection is not normally required unless a risk assessment indicates the need for it.

Tetrasodium Pyrophosphate:

WEL : W.E.L. Long term value: 5 mg/m³

ref. HSE publication EH40

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance :	White solid	Odour :	Chlorine-Like
pH :	11.0 - 11.5 (1% solution)	Solubility :	Soluble in water
Density :	0.99g/cm ³		

10. STABILITY & REACTIVITY

Exothermic reaction with acids. Contact with acids liberates chlorine. Under extreme conditions 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 :	Irritant
Skin :	Irritant
Inhalation :	Irritant. May cause bronchospasm in chlorine sensitive individuals.
Ingestion :	Irritant

12. ECOLOGICAL INFORMATION

Harmful to aquatic organisms.

May cause long-term adverse effects in the aquatic environment. The classification of the product is due to the component(s) listed in section 3 with an environmental classification (R50-R53). Based on the environmental classification, the toxicity for aquatic organisms (as defined in 67/548/EEC, Annex V) is estimated to be 10-100mg/L. 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 1% w/v (10 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 :	Xi, IRRITANT
Risk phrases :	R31 Contact with acids liberates toxic gas. R36/38 Irritating to eyes and skin. R52/53 Harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment.
Safety phrases :	S8 Keep container dry S22 Do not breathe dust S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S37 Wear suitable gloves. S61 Avoid release to the environment. Refer to special instructions / safety data sheets.

16. OTHER INFORMATION

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

Internal Reference:- MSDS3162-04 (20-Jul-2005), KH.MW.Dt90-01 (May-2002)

Text of risk phrases associated with ingredients listed in section 3.

R22 Harmful if swallowed.

R31 Contact with acids liberates toxic gas.

R34 Causes burns.

R36 Irritating to eyes.

R36/37 Irritating to eyes and respiratory system.

R37 Irritating to respiratory system.

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

Change to section 8 and 16.