

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

DL10554

SUMA DES T30
Professional kitchen hygiene product

Product Code

MSDS1841

TO :

2. HAZARDS IDENTIFICATION

Contact with acids liberates very toxic gas

Corrosive - causes burns.

Very toxic to aquatic organisms.

Contact with acids liberates toxic gas.

3. COMPOSITION / INFORMATION ON INGREDIENTS.

CAS No	EINECS No			
-	229-912-9	Disodium/dipotassium Metasilicate	C: R34-37	(5-15%)
7681-52-9	231-668-3	Sodium Hypochlorite	C, N: R31-34-50	(5-15%)

Ingredients according to EC 648/2004:

5% to 15% : Chlorine based bleaching agents

Less than 5% : Phosphonates

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. Obtain immediate medical attention.
- Skin :** Flush the contaminated area with running water, remove contaminated clothing and wash before re-use. If irritation persists or there is any sign of tissue damage seek medical advice.
- Ingestion :** Remove product from mouth, give the casualty a small quantity of water to drink and obtain immediate medical attention. 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 protective clothing including gloves and eye/face protection. Wear suitable respiratory protection. Hose away with plenty of water diluting to at least 1% w/v (10 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, eyes and clothing. Wear suitable gloves and eye/face protection. Do not mix with any other chemicals other than as advised by your JohnsonDiversey representative.

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

8. EXPOSURE CONTROL / PERSONAL PROTECTION

- Hand :** Use gloves resistant to Disodium/Dipotassium Metasilicate.
- Eyes :** When handling neat product wear eye/face protection to EN 166.
- 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.

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance :	Clear yellow liquid	Odour :	Chlorine-like
pH :	>12.5	Solubility :	Fully miscible in water
Density :	1.15 g/cm ³		

10. STABILITY & REACTIVITY

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 :	Corrosive - causes burns
Skin :	Corrosive - causes burns
Inhalation :	Severe irritant - Inhalation of spray mists will cause irritation of the respiratory tract. May cause bronchospasm in chlorine sensitive individuals.
Ingestion :	Corrosive - Strong caustic effect on mouth and throat and danger of perforation to oesophagus and stomach.

12. ECOLOGICAL INFORMATION

Very toxic to aquatic organisms. Based on the environmental classification, the toxicity for aquatic organisms (as defined in 67/548/EEC, Annex V) is estimated to be <=1mg/L. The classification of the product is due to the component(s) listed in section 3 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. Rinse out open necked containers at least twice. Recycle packaging if facilities exist or dispose of as commercial waste.

European waste catalogue 20 01 15 Alkalines

14. TRANSPORT INFORMATION

EEC Regulation :	C, CORROSIVE, Caustic Alkali Liquids, NOS, (Disodium / Dipotassium Trioxosilicate and Hypochlorite), UN1719, Hazchem 2X
IMDG/UN :	Caustic Alkali Liquids, NOS (Disodium / Dipotassium Trioxosilicate and Hypochlorite), UN1719, Class 8, PG III
RID/ADR :	Class 8, Item 42(c)
ICAO/IATA :	Passenger Aircraft: 819, Y819 Cargo Aircraft: 821

15. REGULATORY INFORMATION

Hazard symbol :	C, CORROSIVE, Contains Disodium Metasilicate & Dipotassium Metasilicates, Sodium Hypochlorite
Risk phrases :	R31 Contact with acids liberates toxic gas. R34 Causes burns. R50 Very toxic to aquatic organisms.
Safety phrases :	S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28 After contact with skin, wash immediately with plenty of water. S36/37/39 Wear suitable protective clothing, gloves and eye/face protection. S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). 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:- MSDS1841-04 (05-Mar-2009), KH.MW.Ds01

Text of risk phrases associated with ingredients in section 3.

R31	Contact with acids liberates toxic gas.
R34	Causes burns.
R37	Irritating to respiratory system.
R50	Very toxic to aquatic organisms..
Change made to section 2, 6, 7, 8, 12 and 16.	