

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

STERILANT
Disinfectant for professional use

Product Code

636183

TO :

2. HAZARDS IDENTIFICATION

Corrosive - causes burns.

Contact with acids liberates toxic gas.

Very toxic to aquatic organisms.

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

3. COMPOSITION / INFORMATION ON INGREDIENTS.

CAS No	EINECS No			
1310-73-2	215-185-5	Sodium Hydroxide (WEL)	C: R35	(<5%)
7681-52-9	231-668-3	Sodium Hypochlorite	C, N: R31-34-50	(5-15%)

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 vapour or spray mist and seek 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 gloves and eye/face 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 upright in original closed containers in a cool place out of direct sunlight, ensuring that the vents remain effective. Keep out of reach of children. Keep away from acids.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Hand : Use gloves resistant to Sodium Hypochlorite.

Eyes : When handling neat product wear eye/face protection to EN 166.

Skin : Wear protective overalls or bib resistant to alkalis.

Respiration : Personal protective equipment should only be considered where product containment or extract ventilation are impracticable, or for use in an emergency. For low levels of exposure (up to the maximum for which the respirator is designed) use a mask suitable for hazardous aqueous spray mists.

WEL : Sodium Hydroxide: W.E.L. 2 mg/cu.m 15 min ref time

ref. HSE publication EH40

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance :	Liquid	Odour :	Chlorine-like
pH :	10.0 - 11.0	Solubility :	Miscible with water
Boiling Point :	100°C		
Density :	1.20		

10. STABILITY & REACTIVITY

Avoid extremes of temperature. Keep away from acids. Contact with acids liberates chlorine. Keep away from aluminium, tin, zinc and their alloys. Contact with aluminium, tin, zinc and their alloys liberates hydrogen gas which may form explosive mixtures with air. 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.
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 ≤ 1 mg/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. 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. Do not re-use containers, empty completely, wash out thoroughly with water and detergent, then puncture or crush them and dispose of as commercial waste.
European waste catalogue 20 01 15 Alkalines

14. TRANSPORT INFORMATION

EEC Regulation :	C, CORROSIVE, Sodium Hypochlorite, Solution, UN1791, Hazchem 2X
IMDG/UN :	Hypochlorite, Solution, UN1791, Class 8, PG III. Marine Pollutant
RID/ADR :	Class 8, Item 61(c)
ICAO/IATA :	Passenger Aircraft: 819, Y819 Cargo Aircraft: 821

15. REGULATORY INFORMATION

Hazard symbol :	C, CORROSIVE, Contains Sodium Hypochlorite N, Dangerous for the environment
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.. 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:- FABXN05W37

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

R31 Contact with acids liberates toxic gas.

R34 Causes burns.

R35 Causes severe burns.

R50 Very toxic to aquatic organisms.

Change made to section 2, 3, 12, 14, 15 and 16.