

# SAFETY DATA SHEET

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

**JohnsonDiversey**

**JohnsonDiversey UK Limited**

Weston Favell Centre Northampton NN3 8PD Tel 01604 405311 Fax 01604 406809 Emergency Call 0800 052 0185

Clearance Code

**LQ 94**

Product Code

**Professional cleaning/maintenance product for food & beverage industries**

**661157**

TO :

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

CAS No	EINECS No			
1310-73-2	215-185-5	Sodium Hydroxide (WEL)	C: R35	(15-30%)
64-02-8	200-573-9	Tetrasodium ethylenediaminetetraacetate	Xn: R22-36	(<5%)
		Polycarboxylic acid, Sodium salt	Xi: R36	(<5%)

Ingredients according to EC 648/2004:

5% to 15% : E.D.T.A.  
Less than 5% : Nonionic surfactants  
Less than 5% : Polycarboxylates

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

## 3. HAZARDS IDENTIFICATION

Corrosive - causes severe burns.

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

## 4. FIRST AID MEASURES

**Eyes :** Rinse immediately with copious amounts of water for at least ten minutes, holding the eyelids open and obtain immediate medical attention.

**Inhalation :** Remove from source of exposure. Seek medical advice if effects persist.

**Skin :** Flush the contaminated area with running water, remove contaminated clothing and wash before re-use. Obtain immediate medical attention.

**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

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 and eyes. 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.

## 8. EXPOSURE CONTROL / PERSONAL PROTECTION

**Hand :** Use gloves resistant to Sodium Hydroxide.

**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 :** Cloudy grey liquid  
**pH :** (1% solution) Typically 12.6  
**Flammability :** Non flammable  
**Density :** 1.34 Typical  
**Solubility :** Fully miscible in water.

## 10. STABILITY & REACTIVITY

Keep away from acids. Do not add water to this product as local boiling and splashing can occur. 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 severe burns.  
**Skin :** Corrosive - causes severe burns.  
**Inhalation :** .  
**Ingestion :** Corrosive.

## 12. ECOLOGICAL INFORMATION

When used for its intended purpose this product should not cause adverse effects in the environment.

## 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 15** Alkalines

## 14. TRANSPORT INFORMATION

**EEC Regulation :** C, CORROSIVE, Caustic Alkali Liquid, NOS, (Sodium Hydroxide), UN1719, Hazchem 2R.  
**IMDG/UN :** Caustic Alkali Liquid, NOS, (Sodium Hydroxide), UN1719, Class 8, PG II.  
**RID/ADR :** Class 8, Item 42(b).  
**ICAO/IATA :** Passenger Aircraft: 809, Y809  
Cargo Aircraft: 813.

## 15. REGULATORY INFORMATION

**Hazard symbol :** C, CORROSIVE, Contains Sodium Hydroxide  
**Risk phrases :** R35 Causes severe burns.  
**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).  
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:-

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

R22 Harmful if swallowed.  
R35 Causes severe burns.  
R36 Irritating to eyes.  
Changes made to section 12.