

# SAFETY DATA SHEET

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

JohnsonDiversey

JohnsonDiversey UK Limited

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Clearance Code

**BACTOSOL GLASS RENOVATOR**  
Professional kitchen hygiene product

Product Code

**647966**

TO :

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

| CAS No    | EINECS No |                           |           |          |
|-----------|-----------|---------------------------|-----------|----------|
| 1310-58-3 | 215-181-3 | Potassium Hydroxide (WEL) | C: R22-35 | (15-30%) |
| 7681-52-9 | 231-668-3 | Sodium Hypochlorite       | C: R31-34 | (<5%)    |

Ingredients according to EC 648/2004:

15% to 30% : Phosphates

Less than 5% : Chlorine based bleaching agents, Phosphonates

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

## 3. HAZARDS IDENTIFICATION

Corrosive - causes severe burns.

Contact with acids liberates toxic gas.

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. 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 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. 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.

## 8. EXPOSURE CONTROL / PERSONAL PROTECTION

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

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

**Skin :** Wear normal workware overalls or coat.

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

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

ref. HSE publication EH40

**9. PHYSICAL & CHEMICAL PROPERTIES**

**Appearance :** Colourless liquid  
**pH :** >12.5

**Odour :** Chlorine-like  
**Solubility :** Fully miscible in water

**10. STABILITY & REACTIVITY**

Exothermic reaction with 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 :** Corrosive - causes severe burns  
**Skin :** Corrosive - causes severe 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**

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 and is not classified as special waste under the Control of Substances (Special Waste) Regulations 1996, but is classified as controlled waste under the Environmental Protection Act 1990. For small quantities, 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.

European waste catalogue 20 01 15 Alkalines

**14. TRANSPORT INFORMATION**

**EEC Regulation :** C, CORROSIVE, Corrosive Liquid, Basic, Inorganic, NOS, (Potassium Hydroxide), UN3266, Hazchem 2X  
**IMDG/UN :** Corrosive Liquid, Basic, Inorganic, NOS, (Potassium Hydroxide), UN3266, Class 8, PG II  
**RID/ADR :** Class 8, Item 47(b)  
**ICAO/IATA :** Passenger Aircraft: 808, Y808  
Cargo Aircraft: 812

**15. REGULATORY INFORMATION**

**Hazard symbol :** C, CORROSIVE, Contains Hypochlorite & Potassium Hydroxide  
**Risk phrases :** R31 Contact with acids liberates toxic gas.  
R35 Causes severe burns.  
**Safety phrases :** S2 Keep out of reach of children.  
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:- 6642494-02(15-Nov-2005)

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

R22 Harmful if swallowed.  
R31 Contact with acids liberates toxic gas.  
R34 Causes burns.  
R35 Causes severe burns.  
Change made to section 4, 6, 7, 8, 10 and 11.