

# 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

**BACTOSOL BEERLINE CLEANER**  
Professional beer line cleaner

Product  
Code

**683508**

TO :

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

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

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 OES/MEL 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.
- Skin :** Wash thoroughly, 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.

## 6. ACCIDENTAL RELEASE MEASURES

Wear full protective clothing including 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 safely as commercial waste.

## 7. HANDLING & STORAGE

Avoid contact with skin, eyes and clothing. Wear suitable protective clothing, eye/face protection and rubber gloves. 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 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 protection is not normally required unless a risk assessment indicates the need for it.

**OES/MEL :** Sodium Hydroxide: O.E.S. 2 mg/cu.m 15 min ref time

ref. HSE publication EH40

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**9. PHYSICAL & CHEMICAL PROPERTIES**

<b>Appearance :</b>	Clear yellow liquid	<b>Odour :</b>	Characteristic
<b>pH :</b>	>12.0	<b>Solubility :</b>	Fully miscible in water.
<b>Density :</b>	1.18 g/cm <sup>3</sup>	<b>Other :</b>	Viscosity dynamic: <5 cps

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**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.

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**11. TOXICOLOGICAL INFORMATION**

<b>Eyes :</b>	Corrosive - causes severe burns
<b>Skin :</b>	Corrosive - causes severe burns
<b>Inhalation :</b>	Corrosive. May cause pulmonary oedema. May cause bronchospasm in chlorine sensitive individuals.
<b>Ingestion :</b>	Corrosive. Strong caustic effect on mouth and throat and danger of perforation to oesophagus and stomach.

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**12. ECOLOGICAL INFORMATION**

Ingredients according to EC 89/542:  
5% to 15% : Chlorine based bleaching agents.

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**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. For larger quantities dispose of safely as commercial waste.

**European waste catalogue 20 01 15** Alkalines

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**14. TRANSPORT INFORMATION**

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

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**15. REGULATORY INFORMATION**

<b>Hazard symbol :</b>	C, CORROSIVE, Contains Hypochlorite & Sodium Hydroxide
<b>Risk phrases :</b>	R31 Contact with acids liberates toxic gas. R35 Causes severe burns.
<b>Safety phrases :</b>	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 OES/MEL published in HSE document EH40.

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**16. OTHER INFORMATION**

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

Internal Reference:- MSDS 25-Oct-1999 - Bactosol Beerline Cleaner

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

R31	Contact with acids liberates toxic gas.
R34	Causes burns.
R35	Causes severe burns.