

# SAFETY DATA SHEET

according to 1907/2006/EC

## 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

E-Mail: MSDSinfoUK@johnsondiversev.com

Clearance Code

**SHUREGEL No.5**

Professional cleaning/maintenance product for food & beverage industries

Product Code

**MSDSGB3319**

TO :

## 2. HAZARDS IDENTIFICATION

Corrosive - causes severe burns.

Limited evidence of a carcinogenic effect.

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

## 3. COMPOSITION / INFORMATION ON INGREDIENTS.

CAS No	EINECS No			
90194-45-9	290-656-6	Sodium alkylbenzenesulphonate	Xn, Xi: R22-38-41	(5-15%)
-	-	Fatty acid Sulphonate, Potassium salt	Xi: R36/38	(5-15%)
5064-31-3	225-768-6	Trisodium nitrilotriacetate	Xn: R22-36-40	(5-15%)
1310-73-2	215-185-5	Sodium Hydroxide (WEL)	C: R35	(5-15%)

Ingredients according to EC 648/2004:

15% to 30% : Anionic surfactants

5% to 15% : NTA (nitrilotriacetic acid) and salts thereof

Full text of risk phrases are given in section 16.

## 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 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 10% w/v (100 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 away from extremes of temperature.

## 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 :** Respiratory protection should normally be achieved through product containment, extract ventilation or other suitable engineering techniques. 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

<b>Appearance :</b>	Light brown gel	<b>Odour :</b>	Characteristic
<b>pH :</b>	>12.5	<b>Solubility :</b>	Fully miscible in water
<b>Density :</b>	1.08 g/cm <sup>3</sup>		

## 10. STABILITY & REACTIVITY

Keep away from acids. 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 :** 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. Limited evidence of a carcinogenic effect.

## 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 10% w/v (100 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, Sodium Hydroxide, Solution, UN1824, Hazchem 2R  
**IMDG/UN :** Sodium Hydroxide, Solution, UN1824, Class 8, PG II  
**RID/ADR :** Class 8  
**ICAO/IATA :** Passenger Aircraft: 809, Y809, Cargo Aircraft: 813

## 15. REGULATORY INFORMATION

**Hazard symbol :** C, CORROSIVE, Contains Trisodiumnitrotriacetate, Sodium Hydroxide  
**Risk phrases :** R35 Causes severe burns.  
R40 Limited evidence of a carcinogenic effect.  
**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:- FAWM08W06

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

- R22 Harmful if swallowed.
  - R35 Causes severe burns.
  - R36 Irritating to eyes.
  - R36/38 Irritating to eyes and skin.
  - R40 Limited evidence of a carcinogenic effect.
  - R41 Risk of serious damage to eyes.
- Change made to section 15.