

# 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  
**DL10824**

**PROFOAM VF7**  
Professional cleaning/maintenance product for food & beverage industries

Product Code  
**MSDS1599**

TO :

## 2. 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.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS.

CAS No	EINECS No			
1310-58-3	215-181-3	Potassium Hydroxide (WEL)	C: R22-35	(5-15%)
6834-92-0	229-912-9	Disodium Metasilicate	C: R34-37	(5-15%)
70592-80-2	274-687-2	Amines, C <sub>10-16</sub> Alkydimethyl-,N-Oxides	Xi, N: R38-41-50	(<5%)
7681-52-9	231-668-3	Sodium Hypochlorite	C, N: R31-34-50	(<5%)

Ingredients according to EC 648/2004:

Less than 5% : Chlorine based bleaching agents, Nonionic surfactants, Phosphates, Polycarboxylates, Soap

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 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 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 away from acids.

## 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 protective overalls or bib resistant to alkalis.

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

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

ref. HSE publication EH40

## 9. PHYSICAL & CHEMICAL PROPERTIES

<b>Appearance :</b>	Clear pale yellow liquid	<b>Odour :</b>	Chlorine-like
<b>pH :</b>	>12.5	<b>Solubility :</b>	Fully miscible with water
<b>Density :</b>	1.21 g/cm <sup>3</sup>		

## 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 :** Causes severe or permanent damage.  
**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 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 Liquids, NOS, (Hypochlorite & Potassium Hydroxide), UN1719, Hazchem 2R  
**IMDG/UN :** Caustic Alkali Liquids, NOS, (Hypochlorite & Potassium 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 Potassium Hydroxide & Disodium Metasilicate /Dipotassium Metasilicate .  
**Risk phrases :** R31 Contact with acids liberates toxic gas.  
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:- MSDS1599-04(25-Jul-2005), VF07-03(13-Sep-2002)

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

- R22 Harmful if swallowed.
  - R31 Contact with acids liberates toxic gas.
  - R34 Causes burns.
  - R35 Causes severe burns.
  - R37 Irritating to respiratory system.
  - R38 Irritating to skin.
  - R41 Risk of serious damage to eyes.
  - R50 Very toxic to aquatic organisms.
- Change made to section 2, 3, 4, 11, 12, 14 and 15
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