

# 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

**JD20429**

**SAFECLEAN VK2**

Professional cleaning/maintenance product for food & beverage industries

Product Code

**MSDS6880**

TO :

## 2. HAZARDS IDENTIFICATION

Corrosive - causes severe burns.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS.

CAS No	EINECS No			
497-19-8	207-838-8	Sodium carbonate	Xi: R36	(>30%)
6834-92-0	229-912-9	Disodium Metasilicate	C: R34-37	(5-15%)
85117-50-6	285-600-2	Benzenesulfonic acid, mono-C <sub>10-14</sub> -alkyl derivs., Sodium salts	Xn: R22-38-41	(<5%)
64425-86-1	polymer	Alkyl alcohol ethoxylate	Xn, N: R22-41-50	(<5%)

Ingredients according to EC 648/2004:

15% to 30% : Phosphates

Less than 5% : Anionic surfactants, Nonionic surfactants

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. Obtain medical attention if symptoms develop.
- Skin :** Wash skin immediately and thoroughly with water. Remove contaminated clothing. Obtain medical attention if symptoms develop.
- 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. Sweep up and dispose of safely as solid waste. Hose down area with plenty of water, diluting to at least 1% w/w (10 g/litre).

## 7. HANDLING & STORAGE

Avoid contact with skin and eyes. Wear suitable gloves and eye/face protection. Prevent the formation of dust. 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.

## 8. EXPOSURE CONTROL / PERSONAL PROTECTION

- Hand :** Use gloves resistant to disodium metasilicate.
- Eyes :** When handling neat product wear eye/face protection to EN 166.
- Skin :** Personal protection is not normally required unless a risk assessment indicates the need for it.
- Respiration :** Personal protection is not normally required unless a risk assessment indicates the need for it.

## 9. PHYSICAL & CHEMICAL PROPERTIES

<b>Appearance :</b>	White solid	<b>Odour :</b>	Characteristic
<b>pH :</b>	11.5 - 12.0 (1% solution)	<b>Solubility :</b>	Soluble in water
<b>Density :</b>	1.03 g/cm <sup>3</sup>		

## 10. STABILITY & REACTIVITY

Provided the product is stored in accordance with the approved guidelines there are no known hazardous decomposition products.

## 11. TOXICOLOGICAL INFORMATION

<b>Eyes :</b>	Corrosive - Causes severe or permanent damage.
<b>Skin :</b>	Corrosive - causes severe burns.
<b>Inhalation :</b>	Severe irritant - Inhalation will cause irritation of the respiratory tract.
<b>Ingestion :</b>	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

<b>EEC Regulation :</b>	C, CORROSIVE, Disodium Trioxosilicate, Mixture, UN3253, Hazchem 2X
<b>IMDG/UN :</b>	Disodium Trioxosilicate, Mixture, UN3253, Class 8, PG III
<b>RID/ADR :</b>	Class 8
<b>ICAO/IATA :</b>	Passenger Aircraft: 822, Y822 Cargo Aircraft 823

## 15. REGULATORY INFORMATION

<b>Hazard symbol :</b>	C, CORROSIVE, Contains Disodium Metasilicate
<b>Risk phrases :</b>	R35 Causes severe burns.
<b>Safety phrases :</b>	S22 Do not breathe dust. 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).

## 16. OTHER INFORMATION

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

Internal Reference:- MSDS6880-01 (09-Jul-2008), FAGSS07W06

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

R22	Harmful if swallowed.
R34	Causes burns.
R36	Irritating to eyes.
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, 5, 6, 7, 8, 10, 11, 13, 14, 15 and 16.