

# 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

**DL10555**

**SUMA DIP K1**

**Professional kitchen hygiene product**

Product Code

**MSDS3415**

TO :

## 2. HAZARDS IDENTIFICATION

Corrosive - causes burns.

Contact with acids liberates toxic gas.

Very toxic to aquatic organisms.

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

## 3. COMPOSITION / INFORMATION ON INGREDIENTS.

CAS No	EINECS No			
-	229-912-9	Disodium/dipotassium 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%)
1310-58-3	215-181-3	Potassium Hydroxide (WEL)	C: R22-35	(<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

Full text of risk phrases are given in section 16.

## 4. FIRST AID MEASURES

**Eyes :** Rinse immediately with copious amounts of water, 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 respiratory protection. 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 and eyes. Wear suitable gloves and eye/face protection. Do not mix with any other chemicals other than as advised by your JohnsonDiversey representative. Do not mix with acids.

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 alkalis.

**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.

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

ref. HSE publication EH40

## 9. PHYSICAL & CHEMICAL PROPERTIES

**Appearance :** Clear pale yellow liquid.

**Odour :** Chlorine-like

**pH :** >12.5

**Solubility :** Fully miscible with water

**Density :** 1.22g/cm<sup>3</sup>

## 10. STABILITY & REACTIVITY

Keep away from acids. Contact with acids liberates chlorine. Hazardous decomposition products may include chlorine.

## 11. TOXICOLOGICAL INFORMATION

**Eyes :** Corrosive - Causes severe or permanent damage.

**Skin :** Corrosive - causes burns.

**Inhalation :** Severe irritant - Inhalation will cause irritation of the respiratory tract

**Ingestion :** Corrosive. Strong caustic effect on mouth and throat and danger of perforation to oesophagus and stomach.

## 12. ECOLOGICAL INFORMATION

Very toxic to aquatic organisms. Based on the environmental classification, the toxicity for aquatic organisms (as defined in 67/548/EEC, Annex V) is estimated to be <=1mg/L. The classification of the product is due to the component(s) listed in section 3 with an environmental classification (R50-R53). The information in this section refers to the undiluted product.

## 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 :** Caustic Alkali Liquids, NOS (Disodium / Dipotassium Trioxosilicate and Hypochlorite), UN1719, Class 8, PG III

**IMDG/UN :** Caustic Alkali Liquids, NOS (Disodium / Dipotassium Trioxosilicate and Hypochlorite), UN1719, Class 8, PG III. Marine Pollutant.

**RID/ADR :** Caustic Alkali Liquids, NOS (Disodium / Dipotassium Trioxosilicate and Hypochlorite), UN1719, Class 8, PG III

**ICAO/IATA :** Passenger Aircraft: 819, Y819

Cargo Aircraft: 821

## 15. REGULATORY INFORMATION

**Hazard symbol :** C, CORROSIVE, Contains Potassium Hydroxide & Disodium Metasilicate /Dipotassium Metasilicate .  
N, Dangerous for the environment

**Risk phrases :**  
R34 Causes burns.  
R31 Contact with acids liberates toxic gas.  
R50 Very toxic to aquatic organisms.

**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).  
S61 Avoid release to the environment. Refer to special instructions / safety data sheets.

## 16. OTHER INFORMATION

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

Internal Reference:- MSDS3415-04 (28-May-2009), KH.MW.Sk03 (01-Aug-2001)

**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.
- Changes made to section 10, 11 and 14.