

# 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  
**R60665**

**SUN PROFESSIONAL POWDER ACTIVE**  
Professional kitchen hygiene product

Product Code  
**MSDS1550**

TO :

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

CAS No	EINECS No			
6834-92-0	229-912-9	Disodium Metasilicate	C: R34-37	(>30%)
51580-86-0	220-767-7	Sodium dichloroisocyanurate dihydrate	Xn, N: R22-31-36/37-50/53	(<5%)

Ingredients according to EC 648/2004:

More than 30% : Phosphates

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

Full text of R-phrases is given in section 16.

## 3. HAZARDS IDENTIFICATION

Corrosive - causes burns. Irritant - irritating to respiratory system. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

## 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. Obtain immediate medical attention.

**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. 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). Ensure adequate ventilation

## 7. HANDLING & STORAGE

Avoid contact with skin and eyes. Wear suitable gloves and eye/face protection. Do not breathe dust. 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 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. For low levels of exposure use mask suitable for non-toxic nuisance and respirable dusts, and aqueous mists.

Tetrasodium Pyrophosphate:

**WEL :** W.E.L. Long term value: 5 mg/m<sup>3</sup>

ref. HSE publication EH40

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**9. PHYSICAL & CHEMICAL PROPERTIES**

<b>Appearance :</b>	White solid	<b>Odour :</b>	Characteristic
<b>pH :</b>	12.0 - 12.5 (1% Solution)	<b>Solubility :</b>	Soluble in water
<b>Density :</b>	1.04 g/cm <sup>3</sup>		

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**10. STABILITY & REACTIVITY**

Reacts with acids. 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 burns.
<b>Skin :</b>	Corrosive - causes burns.
<b>Inhalation :</b>	. Severe irritant - Inhalation of spray mists 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.

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**12. ECOLOGICAL INFORMATION**

Harmful to aquatic organisms.

May cause long-term adverse effects in the aquatic environment.

The classification of the product is due to the component(s) listed in section 2 with an environmental classification (R50-R53).

Based on the environmental classification, the toxicity for aquatic organisms (as defined in 67/548/EEC, Annex V) is estimated to be 10-100mg/L. The information in this section refers to the undiluted product.

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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 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

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**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, Item 41(c)
<b>ICAO/IATA :</b>	Passenger Aircraft: 822, Y822 Cargo Aircraft 823

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**15. REGULATORY INFORMATION**

<b>Hazard symbol :</b>	C, CORROSIVE, Contains Disodium Metasilicate
<b>Risk phrases :</b>	R34 Causes burns. R37 Irritating to respiratory system. R52/53 Harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment.
<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). S61 Avoid release to the environment. Refer to special instructions / safety data sheets.

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**16. OTHER INFORMATION**

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

Internal Reference:- MSDS1550(08-Apr-2005), KH.MW.Dt72-03

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

- R22 Harmful if swallowed.
- R31 Contact with acids liberates toxic gas.
- R34 Causes burns.
- R36/37 Irritating to eyes and respiratory system.
- R37 Irritating to respiratory system.
- R50/53 Very toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment..