

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
R58586

SUMA CALC D5
Professional kitchen hygiene product

Product Code
MSDS1826

TO :

2. HAZARDS IDENTIFICATION

Corrosive - causes burns.

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

3. COMPOSITION / INFORMATION ON INGREDIENTS.

CAS No	EINECS No		C: R34	(>30%)
7664-38-2	231-633-2	Phosphoric acid (WEL)		

Ingredients according to EC 648/2004:

More than 30% : Phosphates

Less than 5% : Nonionic surfactants

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 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 containers in a cool place. Keep tightly closed.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Hand : Use gloves resistant to Phosphoric acid.

Eyes : When handling neat product wear eye/face protection to EN 166.

Skin : Wear protective overalls or bib resistant to acids.

Respiration : Personal protection is not normally required unless a risk assessment indicates the need for it.

WEL : Orthophosphoric Acid, (Phosphoric Acid)
W.E.L. 2 mg/m³ 15 min
W.E.L. 1 mg/m³ 8 hour TWA.

ref. HSE publication EH40

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance :	Clear colourless liquid	Odour :	Characteristic
pH :	<2.0	Solubility :	Fully miscible with water.
Density :	1.29 g/cm ³		

10. STABILITY & REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

Eyes :	Corrosive - causes burns.
Skin :	Corrosive - causes 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.

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 14 acids

14. TRANSPORT INFORMATION

EEC Regulation :	Phosphoric Acid, Solution, UN1805, Hazchem 2R
IMDG/UN :	Phosphoric Acid, Solution, UN1805, Class 8, PG III
RID/ADR :	Class 8
ICAO/IATA :	Passenger Aircraft: 819, Y819 Cargo Aircraft: 821

15. REGULATORY INFORMATION

Hazard symbol :	C, CORROSIVE, Contains Phosphoric Acid
Risk phrases :	R34 Causes 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:- MSDS1826-03(20-May-2005), KH.HS.Sp11(01-Aug-2001)

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

R34 Causes burns.

Change made to section 5, 7, 10 and 16.