

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
R57034

ZAL PERAX II VT48
Disinfectant for professional use

Product Code
MSDS3728

TO :

2. HAZARDS IDENTIFICATION

Oxidising agent - may cause fire.
Corrosive - causes burns.
Harmful - harmful by inhalation and if swallowed.
Irritant - irritating to respiratory system.
This product contains a material with an WEL published in HSE document EH40.

3. COMPOSITION / INFORMATION ON INGREDIENTS.

CAS No	EINECS No			
7722-84-1	231-765-0	Hydrogen peroxide (WEL)	C, O: R5-8-20/22-35	(15-30%)
64-19-7	200-580-7	Acetic acid (WEL)	C: R35-10	(5-15%)
79-21-0	201-186-8	Peroxyacetic acid (Peracetic acid)	O, C, N: R7-10-35-20/21/22-50	(5-15%)
68603-25-8	polymer	Alkyl alcohol alkoxyolate	Xi, N; R41-51/53	(<5%)

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 : Wash thoroughly, 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, rinse out mouth with water and obtain immediate medical attention. Do not induce vomiting.

5. FIRE FIGHTING MEASURES

OXIDISING - May support combustion. In the event of a fire use water, water spray, carbon dioxide or dry powder extinguishers. Oxygen released on exothermic decomposition. May support combustion in case of surrounding fire. May cause spontaneous ignition of combustible materials. Contact with flammables may cause fire or explosion. Firefighters should wear self contained breathing apparatus and suitable protective clothing including gloves and eye/face protection.

6. ACCIDENTAL RELEASE MEASURES

Wear suitable gloves and eye/face protection. For small quantities, hose away with plenty of water diluting to at least 0.5% w/w (5 g/litre) and direct the spillage down a wastewater drain (foul sewer). For larger quantities, contain, collect or absorb onto dry sand or kieselghur and dispose of to a licensed waste management company. Prevent spillage from coming into contact with any combustible or incompatible materials. Do not contaminate land, or any ground or surface waters.

7. HANDLING & STORAGE

Avoid contact with skin, eyes and clothing. Always ensure good ventilation when using this product. Wear suitable gloves and eye/face protection. Do not mix with any other chemicals other than as advised by your JohnsonDiversey representative. Avoid contamination of the product and never return un-used product to the original container.

Store upright in original closed containers in a cool place out of direct sunlight, ensuring that the vents remain effective. Ensure that storage area is well ventilated. For further information refer to HSE Guidance Note CS21, "The Storage & Handling of Organic Peroxides".

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Hand : Use gloves resistant to Peroxyacetic acid and Hydrogen Peroxide.
Eyes : When handling neat product wear eye/face protection to EN 166.

Skin :	Wear normal workware overalls or coat.	
Respiration :	Personal protection is not normally required unless a risk assessment indicates the need for it.. Use suitable self contained or air-line breathing apparatus for high levels or prolonged contact.	
WEL :	Acetic Acid W.E.L. 37 mg/cu.m 15 min ref time W.E.L. 25 mg/cu.m 8 hour TWA.	ref. HSE publication EH40
	Hydrogen Peroxide, (Dihydrogen Dioxide) W.E.L. 2.8 mg/cu.m 15 min ref time W.E.L. 1.4 mg/cu.m 8 hour TWA.	

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance :	Clear colourless liquid	Odour :	Charactestic
pH :	<2.0	Solubility :	Fully miscible in water.
Density :	1.10 g/cm ³		

10. STABILITY & REACTIVITY

To avoid thermal decomposition do not overheat. Keep away from combustibles, flammables, amines, heavy metal salts, cobalt and vanadium accelerators, reducing agents, acids, alkalies, polymerising substances and mild steel. Hazardous decomposition products may include oxygen (which supports combustion), heat, steam and noxious fumes.

11. TOXICOLOGICAL INFORMATION

Eyes :	Corrosive - causes burns.
Skin :	Corrosive - causes burns.
Inhalation :	Harmful & Severe irritant - Inhalation of spray mists will cause irritation of the respiratory tract.
Ingestion :	Harmful & 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. Wear suitable gloves and eye/face protection. For small quantities, dilute with water to at least 0.5% w/w (5 g/litre) and pour down a wastewater drain (foul sewer). Rinse out containers at least twice, crush or puncture and dispose of as commercial waste. For larger quantities contact a licensed waste management company.

European waste catalogue 16 09 03 Peroxides, e.g Hydrogen Peroxide

14. TRANSPORT INFORMATION

EEC Regulation :	O, C, OXIDISING & CORROSIVE, Hydrogen Peroxide & Peroxyacetic Acid, Mixture, stabilised, UN3149, Hazchem 2P
IMDG/UN :	Hydrogen Peroxide & Peroxyacetic Acid, Mixture, stabilised, UN3149, Class 5.1, Sub Class 8, PG II
RID/ADR :	Class 5.1
ICAO/IATA :	Passenger Aircraft: 501, Y501 Cargo Aircraft: 506

15. REGULATORY INFORMATION

Hazard symbol :	O, C, OXIDISING & CORROSIVE, Contains Hydrogen Peroxide & Peroxyacetic Acid, Acetic acid.
Risk phrases :	R7 May cause fire. R20/21/22 Harmful by inhalation, in contact with skin and if swallowed. R34 Causes burns. R37 Irritating to respiratory system.

Safety phrases :	S3/7	Keep container tightly closed in a cool place.
	S14	Keep away from combustible materials, acids, alkali's, metal salts and reducing agents.
	S23	Do not breathe fumes.
	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:- MSDS3728-06 (29-Nov-2006), FAGMB06W46

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

R5 Heating may cause an explosion.

R7 May cause fire.

R8 Contact with combustible materials may cause fire.

R10 Flammable.

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

R20/22 Harmful by inhalation and if swallowed.

R35 Causes severe burns.

R41 Risk of serious damage to eyes.

R50 Very toxic to aquatic organisms.

R51/53 Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.

Change made to section 3, 8, 15 and 16.