SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

JohnsonDiversey **JohnsonDiversey UK Limited**
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Clearance Code
R59043

DIVOSAN FORTE VT6
Disinfectant for professional use

Product Code
MSDS3647

TO :

2. COMPOSITION / INFORMATION ON INGREDIENTS

CAS No	EINECS No			
64-19-7	200-580-7	Acetic acid (WEL)	C: R35-10	(15-30%)
7722-84-1	231-765-0	Hydrogen peroxide (WEL)	C, O: R5-8-20/22-35	(15-30%)
79-21-0	201-186-8	Peroxyacetic acid (Peracetic acid)	O, C, N: R7-10-35-20/21/22-50	(15-30%)

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

3. HAZARDS IDENTIFICATION

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

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. 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, 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 combustable 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 : Respiratory protection should normally be achieved through product containment, extract ventilation or other suitable engineering techniques.

WEL : Acetic Acid **ref. HSE publication EH40**
W.E.L. 37 mg/cu.m 15 min ref time
W.E.L. 25 mg/cu.m 8 hour TWA.

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.
		Flash Point :	> 61°C Pensky M.cc
Oxidising Properties :	Runaway decomposition temperature - S.A.D.T - >60ºC	**Explosive properties :**	Product is not explosive
Density :	1.15 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. 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. Harmful by absorption through intact skin.

Inhalation : 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 :	Organic Peroxide, Type F, Liquid, (Peroxyacetic Acid), UN3109, Class 5.2, Sub Class 8, PG II
IMDG/UN :	Organic Peroxide, Type F, Liquid, (Peroxyacetic Acid), UN3109, Class 5.2, Sub Class 8, PG II
RID/ADR :	Class 5.2, Item 9(b)
ICAO/IATA :	Passenger Aircraft: 500, Y500 Cargo Aircraft: 502

15. REGULATORY INFORMATION

Hazard symbol : O, C, OXIDISING & CORROSIVE, Contains Hydrogen Peroxide & Peracetic acid & Acetic acid.

Risk phrases :
R7 May cause fire.
R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
R35 Causes severe 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 vapour.
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:- MSDS3647-04(14-Jun-2005), VT06-02(03-Jul-2002)

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

R5 Heating may cause an explosion.
R7 May cause fire.
R8 Contact with combustable 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.
R50 Very toxic to aquatic organisms.
Change made to section 2, 8 and 11.