

# SAFETY DATA SHEET

according to 1907/2006/EC

## 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

E-Mail: MSDSinfoUK@johnsondiversev.com

Clearance Code

**CLAX PERSONRIL 4KL1**  
Professional fabric washing product

Product Code  
**MSDS1668**

TO :

## 2. HAZARDS IDENTIFICATION

Oxidising agent - may cause fire.

Harmful - harmful if swallowed.

Corrosive - causes burns.

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: R7-10-20/21/22-35-50	(5-15%)

Ingredients according to EC 648/2004:

15% to 30% : Oxygen based bleaching agents

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. Obtain medical attention if symptoms develop.
- Skin :** Wash skin immediately and thoroughly with water. Remove contaminated clothing. Obtain medical attention if symptoms develop.
- Ingestion :** Remove product from mouth, give the casualty a small quantity of water to drink and obtain immediate medical attention. Do not induce vomiting. Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the incident is required.

## 5. FIRE FIGHTING MEASURES

OXIDISING - Will support combustion. In the event of a fire use water, water spray, carbon dioxide or dry powder extinguishers. Cool endangered containers with a water spray jet. 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 gloves and eye/face protection. Hose away with plenty of water diluting to at least 0.5% w/v (5 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. Always ensure good ventilation when using this product. Avoid contamination of the product and never return un-used product to the original container. 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 out of direct sunlight, ensuring that the vents remain effective.

## 8. EXPOSURE CONTROL / PERSONAL PROTECTION

- Hand :** Use gloves resistant to 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.

**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

<b>Appearance :</b>	Clear colourless liquid	<b>Odour :</b>	Characteristic
<b>pH :</b>	<2.0	<b>Solubility :</b>	Fully miscible in water
		<b>Flash Point :</b>	60°C (Pensky M.cc)
		<b>Explosive properties :</b>	Product is not explosive
<b>Density :</b>	1.11g/cm <sup>3</sup>		

## 10. STABILITY & REACTIVITY

To avoid thermal decomposition do not overheat. Keep away from impurities, decomposition catalysts, alkalis, reducing agents and flammable substances. Hazardous decomposition products may include oxygen.

## 11. TOXICOLOGICAL INFORMATION

**Eyes :** Corrosive - Causes severe or permanent damage.  
**Skin :** Corrosive - causes burns. Powerful oxidizing agent.  
**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. For small quantities wear suitable gloves and eye/face protection. Dilute with water to at least 0.5% w/v (5 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 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 :** Hydrogen Peroxide & Peroxyacetic Acid, Mixture, stabilised, UN3149, Class 5.1, Sub Class 8, PG II  
**ICAO/IATA :** Passenger Aircraft: 501, Y501  
Cargo Aircraft: 506

## 15. REGULATORY INFORMATION

**Hazard symbol :** O, C, OXIDISING & CORROSIVE, Contains Hydrogen Peroxide & Peracetic acid & Acetic acid.  
**Risk phrases :** R7 May cause fire.  
R22 Harmful 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 impurities, decomposition catalysts, alkalis, reducing agents and flammable substances.  
S23 Do not breathe vapour.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
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).

## 16. OTHER INFORMATION

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

Internal Reference:- MSDS1668-08 (05-Oct-2009), FM003200

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

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 4, 7, 9, 10, 11, 14, 15 and 16.