

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
R60347

ENDUROCHLOR VE5
Professional cleaning/maintenance product for food & beverage industries

Product Code
MSDS4094

TO :

2. HAZARDS IDENTIFICATION

Corrosive - causes severe burns.

Contact with acids liberates toxic gas.

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

3. COMPOSITION / INFORMATION ON INGREDIENTS.

CAS No	EINECS No			
1310-58-3	215-181-3	Potassium Hydroxide (WEL)	C: R22-35	(5-15%)
3332-27-2	222-059-3	Amine Oxide	Xi, N: R38-41-50	(<5%)
7681-52-9	231-668-3	Sodium Hypochlorite	C, N: R31-34-50	(<5%)

Ingredients according to EC 648/2004:

Less than 5% : Anionic surfactants, Chlorine based bleaching agents, Nonionic surfactants, Phosphates, Phosphonates, Polycarboxylates, Soap

Full text of risk phrases are given in section 16.

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, 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. Do not mix with acids.

Store upright in original closed containers in a cool place.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

- Hand :** Use gloves resistant to Potassium Hydroxide.
- Eyes :** When handling neat product wear eye/face protection to EN 166.
- Skin :** Wear impervious bib or apron.

Respiration : When the product is used as directed, personal protective equipment is not required unless a risk assessment indicates the need for it.

WEL : Potassium Hydroxide: W.E.L. 2 mg/cu.m 15 min ref time

ref. HSE publication EH40

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance :	Clear pale yellow liquid	Odour :	Characteristic
pH :	>12.5	Solubility :	Fully miscible in water.
Density :	1.17 g/cm ³		

10. STABILITY & REACTIVITY

Contact with acids liberates chlorine. Hazardous decomposition products may include chlorine.

11. TOXICOLOGICAL INFORMATION

Eyes : Corrosive - causes severe burns.
Skin : Corrosive - causes severe 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 of esophagus 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 15 Alkalines

14. TRANSPORT INFORMATION

EEC Regulation : C, CORROSIVE, Caustic Alkali Liquids, NOS, (Potassium Hydroxide & Sodium Hypochlorite), UN1719, Hazchem 2R
IMDG/UN : Caustic Alkali Liquids, NOS (Potassium Hydroxide & Sodium Hypochlorite), UN1719, Class 8, PG II
RID/ADR : Class 8, Item 42(c)
ICAO/IATA : Passenger Aircraft: 819, Y819
Cargo Aircraft: 821

15. REGULATORY INFORMATION

Hazard symbol : C, CORROSIVE, Contains Potassium Hydroxide
Risk phrases : R31 Contact with acids liberates toxic gas.
R35 Causes severe 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:- MSDS4094 (13-Jul-2008), VE05-02

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.
 - R35 Causes severe burns.
 - R38 Irritating to skin.
 - R41 Risk of serious damage to eyes.
 - R50 Very toxic to aquatic organisms.
- Change made to section 3, 7 and 16.