

SAFETY DATA SHEET

according to 1907/2006/EC

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

JohnsonDiversey

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Clearance Code

DL10821

POWERFOAM VF4

Professional cleaning/maintenance product for food & beverage industries

Product Code

MSDS1597

TO :

2. HAZARDS IDENTIFICATION

Corrosive - causes severe burns.

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

3. COMPOSITION / INFORMATION ON INGREDIENTS.

CAS No	EINECS No			
1310-73-2	215-185-5	Sodium Hydroxide (WEL)	C: R35	(15-30%)
90194-45-9	290-656-6	Sodium alkylbenzenesulphonate	Xn, Xi: R22-38-41	(<5%)
64-02-8	200-573-9	Tetrasodium ethylenediaminetetraacetate	Xn: R22-36	(<5%)
68585-34-2	polymer	Sodium alkylethersulphate	Xi: R38-41	(<5%)
64-17-5	200-578-6	Ethanol (WEL)	F: R11	(5-15%)

Ingredients according to EC 648/2004:

5% to 15% : Anionic surfactants

Less than 5% : E.D.T.A. Phosphonates

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. Obtain immediate medical attention.

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

FLAMMABLE FOR TRANSPORT - 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. Does not support combustion. 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 in original closed containers in a cool, dry place. This product is not classified as flammable by HS(G)51 (Storage of Flammable Liquids in Containers).

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Hand : Use gloves resistant to Sodium Hydroxide.

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

Skin : Wear protective overalls or bib resistant to alkalis.

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

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

ref. HSE publication EH40

Ethanol (I.M.S.): W.E.L. 1920 mg/cu.m 8 hour TWA

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance : Clear pale brown liquid

pH : >12.5

Flammability : Non flammable

Odour : Characteristic

Solubility : Fully miscible in water

Flash Point : 27°C (Pensky M. cc)
This product with a flashpoint between 21°C & 61°C does not support combustion.

Density : 1.26 g/ml

10. STABILITY & REACTIVITY

Exothermic reaction with acids. Provided the product is stored in accordance with the approved guidelines there are no known hazardous decomposition products.

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 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 15 Alkalines

14. TRANSPORT INFORMATION

EEC Regulation : C, (F), CORROSIVE & FLAMMABLE, Corrosive Liquid, Flammable, NOS, (Sodium Hydroxide & Ethanol), UN2920, Hazchem 2W.

IMDG/UN : Corrosive Liquid, Flammable, NOS, (Sodium Hydroxide & Ethanol), UN2920, Class 8, Sub Class 3, PG II.

RID/ADR : Class 8, Item 68(b). Corrosive Liquid, Flammable, NOS, (Sodium Hydroxide & Ethanol), UN2920.

ICAO/IATA : Passenger Aircraft: 808, Y808
Cargo Aircraft: 812.

15. REGULATORY INFORMATION

Hazard symbol : C, CORROSIVE, Contains Sodium Hydroxide

Risk phrases : 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:- MSDS1597-09 (28-Jan-2008), FAHSH07W50

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

R11 Highly flammable.

R22 Harmful if swallowed.

R35 Causes severe burns.

R36 Irritating to eyes.

R38 Irritating to skin.

R41 Risk of serious damage to eyes.

Change made to section 3, 8, 9 and 16.