

# HEALTH & SAFETY DATA SHEET

2001/58/CE - ISO 11014-1

Revised 12-02-2008

1) **Identification of the Substance and Company Trade Name**  
ALKAZYME-W

Company: ALKAPHARM UK LTD  
UNITS 1 – 3  
PILLATON HALL  
PILLATON  
PENKRIDGE  
STAFFORDSHIRE  
ST19 5RZ

Normal Use: **Cleaner/Disinfectant for Dental unit water supply (DUWS) equipment**

2) **Information Regarding Constituents**  
**Components contributing to the risk factor: (present in the preparation at a sufficient concentration to give Toxicological characteristics would require a 100% pure state)**

CAS 497-19-8 CE 207-838-8                      CARBONATE OF SODIUM  
Concentration  $\geq 25.00\% \leq 50.00\%$                       Symbol; Xi R: 36

CAS 7173-51-5 CE 230-525-2                      CHLORIDE OF DIDECYLDIMETHYLAMMONIUM  
Concentration  $\geq 2.50\% \leq 10.00\%$                       Symbol; C, N R: 34, 22

CAS 68439-45-2                                      ALCOHOL ETHOXYLE C9 C11 8 OE  
Concentration  $\geq 2.50\% \leq 10.00\%$                       Symbol; Xn R: 41, 22

**Other substances with occupational exposure limits,**  
No Known substance in this category present.

3) **Hazards - Identification**  
Possibility of irritation to the Eyes  
Alkazyme-W is a strong detergent thus there is some risk of skin irritation

4) **First Aid Measures**  
May cause irritation to skin - rinse with plenty of water  
In case of contact with eyes rinse immediately with plenty of water and seek medical advice.  
In the event of accidental swallowing, Rinse the Mouth with water and seek medical advice.

5) **Fire-fighting Measures**  
ALKAZYME-W is not flammable.

6) **Accidental Release Measures**  
Wash small liquid spillage's to drain with water.  
Dampen down powder spillages and shovel up for disposal in accordance with local regulations

7) **Handling and Storage**  
Use gloves when handling Powder.  
Gloves recommended when handling dilution. .  
Store away from moisture.  
Store only in original container.  
Do not mix with anything other than water.  
Observe precautions stated on label and Industrial safety regulations

**8) Exposure Controls / Personal Protection**

Use gloves when handling powder.  
Gloves recommended when handling dilution.

**Personal Protective Equipment**

Hand Protection.  
Wear gloves when handling powder & liquid  
Provide eyewashes in areas where the product is constantly handled.

**9) Physical and Chemical Properties**

Appearance:

Form	-	Powder
Colour	-	White
Odour	-	Detergent
Density	-	1.01 + 0.05g/cm <sup>3</sup>
pH level	-	10.50 + 0.534
Solubility	-	In water

**10) Stability and Reactivity**

No hazardous reaction known.

**11) Toxicological Information**

No data is available regarding the preparation itself.

**12) Ecological Information**

No ecological data on the product itself is available

**13) Advice on Disposal**

**ALKAZYME-W** solution once diluted to a use strength solution can be washed down a sink or drain using plenty of water.

**Alkazyme-W** Powder must be disposed of in accordance with local regulations for hazardous waste.

Packaging may be taken for recycling.

**14) Transport Information**

No special precautions necessary.

**15) Regulatory Information**

Xi: IRRITANT

R36 Irritating to the eyes

S24/25 Avoid contact with skin and eyes

S26 In case of contact with eyes rinse immediately with plenty of water and seek medical advice.

S36/S37 Wear suitable protective clothing and gloves

**16) Other Information**

Recommended use:

Cleansing & Disinfection of Dental Unit Water Supply (DUWS) Chair side equipment.

Since the users working conditions are not known by us, the information supplied on this safety data sheet is based on our Current level of knowledge and on national and community regulations.

The product must not be used for any purpose other than its specified use under heading 1 without first obtaining written Handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local Regulations.

The information given on this safety data sheet must be regarded as a description of the safety requirements relating to our Product and not a guarantee of its properties.