

# SAFETY DATA SHEET

## Kalzyme Dental

Date: 2023-03-31

Version no: 1.0

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1 Product identifier

Trade name: Kalzyme Dental Spray

Article No: Z2003

UFI code: Not applicable since the product is a not classified as hazardous.

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Recommended use: Consumer use [SU21] as a mouth spray for animals [PC39].

Uses advised against: Any other use than recommended use.

#### 1.3 Details of the supplier of the safety data sheet

Manufacturer: ZymiQ Technology AB

Street address/P.O. Box: Scheelevägen 32

Postcode: SE-223 63

City: Lund

Country: Sverige

Telephone number: +46-725 730 980

E-mail address: [mats.clarsund@zymiq.com](mailto:mats.clarsund@zymiq.com)

Contact person: Mats Clarsund

#### 1.4 Emergency telephone number

Emergency telephone number: 112 – ask for Poison information

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

**Product type:** Mixture

Not classified according to Regulation (EC) No 1272/2008 (CLP).

# SAFETY DATA SHEET

## Kalzyme Dental

### 2.2 Label elements

Hazard pictograms	-	
Signal Word	-	
Hazard statements	-	
	P102	Keep out of reach of children.
Supplemental information on the label:	EUH210 - Safety data sheet available on request	
Tactile warning label:	No	
Child-resistant fastenings:	No	

### 2.3 Other hazards

None

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Not applicable.

### 3.2 Mixtures

None of the constituent substances presenting a health hazard or environmental hazard within the meaning of Regulation (EC) No 1272/2008 exceed the concentrations limits listed in table 1.1 in Annex I of (EG) No 1972/2006 and therefore do not need to be specified under section 3.2.

## SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures

**GENERAL NOTES:** Never give anything through the mouth to an unconscious person. If in doubt or if symptoms appear, get medical attention.

**INHALATION:** Remove to fresh air. If symptoms persist, seek medical attention.

**SKIN CONTACT:** Not necessary. The product is intended to be used in the oral cavity.

**EYE CONTACT:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy. Continue to rinse. Get medical attention if eye irritation occurs.

**INGESTION:** Give a little to drink. If necessary, call the Poisons Information Centre for further advice on what needs to be done. Get medical attention if a larger amount has been ingested.

**SELF-PROTECTION OF THE FIRST AIDER:** No protective equipment needed.

### 4.2 Most important symptoms and effects, both acute and delayed

May be irritating if in contact with eyes.

### 4.3 Indication of any immediate medical attention and special treatment needed

Symptomatic treatment.

Contact a Poison Information Centre if large amounts have been swallowed or inhaled.

When seeking medical attention, be sure to have this safety data sheet, the product container or label at hand.

# SAFETY DATA SHEET

## Kalzyme Dental

### SECTION 5: FIREFIGHTING MEASURES

#### 5.1 Extinguishing media

##### 5.1.1 Suitable extinguishing media:

Can be extinguished with powder, foam, carbon dioxide or water in a scattered get (water mist).

##### 5.1.2 Unsuitable extinguishing media:

Do not use a directional water jet as it can spread the fire.

#### 5.2 Special hazards arising from the substance or mixture

Hazardous combustion products: In case of incomplete combustion, carbon monoxide can be evolved.

#### 5.3 Advice for firefighters

Precautions according to standard procedures for chemical fires.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### 6.1 Personal precautions, protective equipment and emergency procedures

In the event of accidental spillage, take appropriate measures to minimize exposure using appropriate personal protective equipment (see Section 8).

In case of large spills, contact the emergency service.

#### 6.2 Environmental precautions

Avoid large emissions to the environment or the drain. In the event of large emissions into soil or water, the appropriate authority should be informed.

#### 6.3 Methods and material for containment and cleaning up

For decontamination: Paper towels are used to remove small spills. Can be placed in the household waste.

Larger spill is absorbed with any absorbent material, e.g. sand, soil or similar. Place in suitable container.

For enclosurement: Prevent spreading by embankment with sand, soil or other suitable material.

#### 6.4 Reference to other sections

See Section 7 for handling and storage, Section 8 for exposure controls and personal protection and Section 13 for waste disposal.

### SECTION 7: HANDLING AND STORAGE

#### 7.1 Precautions for safe handling

Adhere to common safety measures.

Keep out of reach of children during handling.

#### 7.2 Conditions for safe storage, including any incompatibilities

Store in a dry and cool place.

Store in original packaging.

Keep out of reach of children.

#### 7.3 Specific end use

Liquid oral spray for mouth hygiene for animals.

# SAFETY DATA SHEET

## Kalzyme Dental

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Control parameters – Occupational exposure limit values

Occupational exposure limits for this product have not been established.

None of the constituting substances have occupational exposure limit values according to the Swedish legislation AFS 2018:1. For other countries, refer to national legislation.

#### 8.2 Exposure controls

##### 8.2.1 Appropriate engineering controls

Good industrial practice. Do not eat, drink, or smoke while using the product.

##### 8.2.2 Personal protection equipment

No special protective equipment is required during normal use.

##### 8.2.3 Environmental exposure control

Avoid large emissions to the drain and environment.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1 Control parameters – Occupational exposure limit values

Physical state	Liquid
Colour	Transparent/Colourless
Odour	Scentless
Melting point/freezing point	No information
Boiling point or initial boiling point and boiling range	No information
Flammability	No information
Lower and upper explosion limit	No information
Flash point	> 60 °C
Auto-ignition temperature	No information
Decomposition temperature	No information
pH	7.4
Kinematic viscosity	No information
Solubility	Soluble in water
Partition coefficient n-octanol/water (log value)	N/A
Vapour pressure	No information
Density and/or relative density	No information
Relative vapour density	N/A
Particle characteristics	N/A

#### 9.2 Other information

No other information.

# SAFETY DATA SHEET

## Kalzyme Dental

### SECTION 10: STABILITY AND REACTIVITY

#### 10.1 Reactivity

Stable under normal conditions.

#### 10.2 Chemical stability

Stable under normal conditions of use and storage.

Product shelf-life: See packaging.

#### 10.3 Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

#### 10.4 Conditions to avoid

Excess heat.

#### 10.5 Incompatible materials

Strong acids and bases.

#### 10.6 Hazardous decomposition products

Hazardous decomposition by-products may form with exposure to high temperature, e.g.: carbon dioxide, carbon monoxide, smoke.

### SECTION 11: TOXICOLOGICAL INFORMATION

#### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity	No toxicological data is available for the mixture. It is not expected to cause acute toxicity.
Skin corrosion/irritation	No toxicological data is available for the mixture. It is not expected to cause skin corrosion/irritation.
Serious eye damage/irritation	No toxicological data is available for the mixture. It is not expected to cause eye damage/irritation.
Respiratory or skin sensitisation	No toxicological data is available for the mixture. It is not expected to be sensitizing.
Germ cell mutagenicity	No toxicological data is available for the mixture. It is not expected to be mutagenic.
Carcinogenicity	No toxicological data is available for the mixture. It is not expected to be cancerogenic.
Reproductive toxicity	No toxicological data is available for the mixture. It is not expected to be toxic for reproduction.
Specific target organ toxicity (STOT)-single exposure	No toxicological data is available for the mixture. It is not expected to cause damage to organs after single exposure.
Specific target organ toxicity (STOT)-repeated exposure	No toxicological data is available for the mixture. It is not expected to cause damage to organs after repeated exposure.
Aspiration hazard	No toxicological data is available for the mixture. It is not considered an aspiration hazard.

# SAFETY DATA SHEET

## Kalzyme Dental

### **11.2 Information on other hazards**

#### **11.2.1 Endocrine disrupting properties**

No known endocrine disrupting properties.

## **SECTION 12: ECOLOGICAL INFORMATION**

### **12.1 Toxicity**

No toxicological data is available for the mixture.

Based on the classification of the constituent substances, the product is not expected to cause any aquatic acute toxic effects.

### **12.2 Persistence and degradability**

No toxicological data is available for the mixture.

Based on the classification of the constituent substances, the product is not expected to be persistent.

### **12.3 Bioaccumulative potential**

No toxicological data is available for the mixture.

Based on the classification of the constituent substances, the product is not expected to be bioaccumulative.

### **12.4 Mobility in soil**

No or insufficient information. The product is soluble in water.

### **12.5 Results of PBT and vPvB assessment**

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

### **12.6 Endocrine disrupting properties**

Based on the classification of the constituent substances, the product is not expected to hold endocrine disrupting properties.

### **12.7 Other adverse effects**

No information.

## **SECTION 13: DISPOSAL CONSIDERATIONS**

### **13.1 Waste treatment methods**

Product waste should be disposed in accordance with the local, regional, and national environmental regulation.

Packaging waste: Do not reuse the packaging. Well-emptied packaging can be left at the recycling station and sorted as plastic. Uncleaned packaging must be disposed in the same way as product waste.

## **SECTION 14: TRANSPORT INFORMATION**

### **14.1 UN number or ID number**

N/A

### **14.2 UN proper shipping name**

N/A

### **14.3 Transport hazard class(es)**

# SAFETY DATA SHEET

## Kalzyme Dental

N/A

### 14.4 Packaging group

N/A

### 14.5 Environmental hazards

N/A

### 14.6 Special precautions for user

N/A

### 14.7 Maritime transport in bulk according to IMO instruments

N/A

## SECTION 15: REGULATORY INFORMATION

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- The Swedish Regulation on work environment, AFS 2018:1.
- The safety data sheet has been compiled in accordance with the latest updated version of Annex II in Regulation (EC) No 1907/2006 (REACH), namely Regulation (EC) 2020/878.
- Classification and labelling in accordance with Regulation (EC) 1272/2008 (CLP).

### 15.2 Chemical Safety Assessment

Not applicable.

## SECTION 16: OTHER INFORMATION

### Meaning of abbreviations present in the safety data sheet:

CLP	Classification, Labelling and Packaging. Regulation (EC) No 1272/2008.
PBT	Persistent, Bioaccumulative and Toxic chemical
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals. Regulation (EC) No 1907/2006
vPvB	Very persistent, very bioaccumulative

### References

The classifications of constituent substances are obtained from the European Chemical Agency (ECHA) data base for classification and labelling register, CL Inventory:

<https://echa.europa.eu/sv/information-on-chemicals/cl-inventory-database>

**Method for classification:** Article 9.1 of Regulation (EC) No. 1272/2008.

### Other:

Classification of the product is based on the classifications of its constituents.

### Revision history:

Version	Type of revision	Date
1.0	Original edition.	2023-03-31