

# SAFECARE MEDICAL INDUSTRIES LLC

2/10/2024  
Version 1.0

## Safety Data Sheet Bensan Quinzyme Sponge Concentrate

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

- 1.1 Product Identifier  
Product name : Bensan Quinzyme Sponge Concentrate
- 1.2 Relevant identified uses of the substance or mixture and uses advised against
- Relevant identified uses:  
Product Code : IQS2002  
Main use category : Professional use  
Function or use category : Instrument Cleaner
- Uses advised against : No additional information available
- 1.3 : Details of the supplier of the safety data sheet  
Supplier  
Safecare Medical Industries  
KIZAD KHIA 8-18  
P.O. Box 133685, Abu Dhabi  
United Arab Emirates
- Contact person: Regulatory Affairs – tel. +971 2 506 7333

### SECTION 2: HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture
- Not a hazardous substance or mixture according to regulation (EC) No 1272/2008.

- 2.2 Label elements  
Labelling according to Regulation (EC) No. 1272/2008 (CLP)  
Hazard Pictograms



GHS07

- Signal word (CLP) : Warning  
Hazard statements (CLP) : H319 – Causes serious eye irritation  
: H411 – Chronic aquatic toxicity, Category 2  
Precautionary statements (CLP) : P273 – Avoid release to the environment.  
: P280 – Wear eye protection, protective gloves  
: P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

: P337+P313 – If eye irritation persists: Get medical advice / attention  
 : P405 – Store locked up

### 2.3 Other Hazards

Other hazards not contributing to the classification

: None under normal conditions.

## SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances : Not applicable

3.2 Mixtures

Name	Product Identifier	%	Classification according to Regulations (EC) No. 1272/2008 (CLP)
N,N-dimethyldecylamine N-oxide	(CAS-No.) 2605-79-0 (EC-No.) 220-020-5 (REACH-No.) 01-2119959297-22	<1%	Acute toxicity Category 4; N302 Serious eye damage Category 1; H318 Acute aquatic toxicity Category 1; H400 Chronic aquatic toxicity Category 2; H411
<b>Substances with Work Place Exposure Limits</b>			
Propylene Glycol	(CAS-No.) 57-55-6 (EC-No.) 200-338-0	15-25%	Not Classified

## SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

First-aid measures general : No particular / specific measures required.

First-aid measures after inhalation : Acute effects following exposure to this product via inhalation are not expected during normal use.

First-aid measures after skin contact: The use of gloves is recommended when handling this product. Gently wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.

First-aid measures after eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice / attention.

First-aid measure after ingestion : If swallowed, rinse mouth with water (only if the person is conscious). Call a POISON CENTER or doctor/physician if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed symptoms/effects  
 : In all cases of doubt, or when symptoms persist, seek medical attention.  
 Symptoms/effects after skin contact: Causes skin irritation  
 Symptoms/effects after eye contact: Causes eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed  
 Treat symptomatically. In all cases of doubt, or when symptoms persist, seek medical attention.

## SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media : Use extinguishing media appropriate for surrounding fire. Water fog, Foam, carbon dioxide (CO2) and powder.  
 Unsuitable extinguishing media : None known

5.2 Special hazards arising from the substance or mixture  
 Fire hazard : Not flammable or combustible  
 Explosion hazard : Product is not explosive  
 Hazardous decomposition products in case of fire : Carbon monoxide, carbon dioxide, nitrogen oxides, and hydrocarbons

- 5.3** Advice for firefighters  
 Firefighting instructions : Use personal protective equipment  
 Specific Extinguishing Methods  
 : Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

General measures : Wear appropriate personal protective equipment - see Section 8.  
 Avoid contact with skin and eyes.

#### For non-emergency personnel

No additional information available

#### For emergency responders

No additional information available

### 6.2. Environmental precautions

Discharging into rivers and drains is forbidden.

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

For containment : Collect all waste in suitable and labelled containers and dispose according to local legislation.

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.

### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for Safe Handling

Precautions for safe handling : Keep container tightly closed. Avoid contact with skin and eyes.

Hygiene measures : Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

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

Storage conditions : Keep container tightly closed. Keep only in original container. Do not expose to temperatures exceeding 50 °C/ 122 °F. Keep cool. Keep out of reach of children. Store in suitable, labelled containers.

Incompatible materials : None known

### 7.3. Specific end use(s)

Specific uses: : Medical devices. Automatic and manual processes

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1. Control parameters

Components	CAS-No.	Form of Exposure	Permissible Concentration
Propylene Glycol	57-55-6	TWA (Particles)	10mg/m3 TWA AIHA WEEL
Nonionic Surfactants	Proprietary	TWA	Non established
Proteinase Subilisin	9001-92-7	TWA	0.00006 mg/m3 (as 100% crystalline active pure enzyme (Ceiling Limit ACGIH TLV

## 8.2 Exposure Controls

Appropriate engineering controls	: Ensure good ventilation of the work station.
Personal protective equipment	: No special protective equipment required.
Hand protection	: No special protective equipment required
Eye protection	: Safety glasses with side-shields
Skin and body protection	: No special protective equipment required
Respiratory protection	: No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation.
Other Information	: Do not eat, drink or smoke during use. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking when leaving work.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Clear, Blue
Odor	: Slight
Odor threshold	: Not determined
pH	: 7-8
Relative evaporation rate	: Not determined
Melting point	: Not determined
Freezing point	: Not determined
Boiling point	: Not determined
Flash point	: Not determined
Auto-ignition temperature	: Not determined
Decomposition temperature	: Not determined
Flammability (solid, gas)	: Not determined
Vapour pressure	: Not determined
Relative vapour density at 20°C	: Not determined
Relative density of Solution	: 1.01 g/cm <sup>3</sup>
Solubility	: Soluble
Log Pow	: Not determined
Viscosity, kinematic	: Not determined
Viscosity, dynamic	: Not determined
Explosive properties	: Product is not explosive.
Oxidising properties	: Not determined
Explosive limits	: Not determined

### 9.2 Other Information

Addition Information	: None to our knowledge
----------------------	-------------------------

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under conditions of normal use

#### 10.4. Conditions to avoid

None known.

#### 10.5. Incompatible materials

None known

#### 10.6. Hazardous decomposition products

No decomposition if stored and used normally.

Thermal decomposition generates: Carbon monoxide. Carbon dioxide. Nitrogen Oxides, Sulphur Oxides, metal oxides

### SECTION 11: TOXICOLOGICAL INFORMATION

#### 11.1 Information on toxicological effects

Acute toxicity	: Not classified
Skin corrosion/irritation	: Not classified pH 7.5-9
Serious eye damage/irritation	: May be irritating to eyes pH 7.5-9
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

#### Acute Toxicity Values:

Product ATE: >5,000 mg/kg (oral)

Propylene glycol: LD50 Oral Rat 20,000 – 34,000 mg/kg; LD50 Dermal Rabbit >20,000 mg/kg

Nonionic Surfactant: LD50 Oral Rat >2000 mg/kg, LD50 Dermal rat >2000 mg/kg

Proteinase subtilisin: LD50 Oral Rat 1800 mg/kg

### SECTION 12: ECOLOGICAL INFORMATION

#### 12.1 Toxicity

Ecology – general : Toxic to aquatic life with long lasting effects

Propylene Glycol : Readily biodegradable

#### 12.2 Persistence and degradability

Bensan Quinzyme	
Persistence and degradability	No data available

#### 12.3 Bio accumulative potential

Bensan Quinzyme	
Log Pow	Not determined
Bio-accumulative potential	No data available

#### 12.4 Mobility in Soil

Bensan Quinzyme	
Ecology – soil	No data available

#### 12.5 Results of PBT and vPvB assessment

Bensan Quinzyme	
This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII	
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	

## 12.6 Other adverse effects

Other adverse effects : None to our knowledge  
Additional Information : No other effects known

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

Regional legislation (waste) : Dispose as hazardous waste.  
Waste treatment methods : Recover the product with absorbent material. Dispose of contents/container in accordance with licensed collector's sorting instructions.  
Product/Packaging disposal recommendations : Do not reuse containers. Dispose in a safe manner in accordance with local/national regulations.  
Ecology - waste materials : Avoid release to the environment.

## SECTION 14: TRANSPORT INFORMATION

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA
Not Regulated	Not Regulated	Not Regulated

## SECTION 15: REGULATORY INFORMATION

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

According to Detergents Regulation EC 648/2004: Less than 5% cationic surfactants, non-ionic surfactants.  
Other ingredients: Enzymes, preservation agents.

### 15.2 Chemical Safety Assessment

Information from the chemical safety assessment of substances present in the product is included in the appropriate sections of this safety data sheet when needed.

## SECTION 16: OTHER INFORMATION

Indication of changes: Identification of the substance/mixture and of the company/undertaking. Relevant identified uses.

1.0	Composition / Information on Ingredients	Modified
-----	--	----------

Date of issue 2.10.2024  
Revision date 2.10.2024  
Supersedes NA  
Date of total revision 2.10.2023  
Version 1.0  
Signature Regulatory Affairs

*The information in this safety data sheet is based on information from the manufacturer/supplier, present European and national legislation, and presupposes that the product is used within the specified area of application.*