

Safety Data Sheet

Bensan Decazyme Extra

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

1.1 Product Identifier

Product name : Bensan Decazyme Extra
Reorder Numbers: IRD1001

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

Relevant identified uses:

Product Code : IRD1001
Main use category : Professional use
Function or use category : Instrument Cleaner - Disinfectant

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.

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)
Protease Subtilisin Enzymes	(CAS-No.) 9014-01-1	<10	NA
Isopropyl Alcohol	(CAS-No.) 67-63-0 (EC-No.) 200-661-7 (EC Index-No.) 603-117-00-0	<4	Flam. Liq. 2, H225 Eye Irrit. 2A, Eye Irrit. H319 STOT SE 3, H336
Hydrogen Peroxide	(CAS-No.) 7722-84-1 (EC-No.) 231-765-0	<0.5	Eye Irrit. 1, H319, Oral Toxicity, H301
Mixture	Confidential	<85	NA

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 40 °C. Keep cool. Keep out of reach of children.

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

Propan-2-ol, isopropyl alcohol, isopropanol (67-63-0)		
Ireland	Local name	Isopropyl alcohol
Ireland	OEL (8 hours ref)(ppm)	200 ppm
Ireland	OEL (15 min ref)(ppm)	400 ppm
Ireland	Notes (IE)	Sk
United Kingdom	Local name	Propan-2-ol
United Kingdom	WEL TWA (mg/m3)	999 mg/m3
United Kingdom	WEL TWA (ppm)	400 ppm
United Kingdom	WEL STEL (mg/m3)	1250 mg/m3

United Kingdom	WEL STEL (ppm)	500 ppm
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Propan-2-ol, isopropyl alcohol, isopropanol (67-63-0)			
Components	Form of Exposure	Permissible Concentration	Basis
Hydrogen Peroxide	TWA 1PPM	1PPM 8 Hour shift	NIOSH REL

8.2 Exposure Controls

- Appropriate engineering controls : Ensure good ventilation of the work station.
- Personal protective equipment : 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 : 6.5-7.5
- 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 : 1.01 g/cm3
- 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**

Propan-2-ol, Isopropyl alcohol, Isopropanol (67-63-0)	
LD50 oral rat	4710 mg/kg
LD50 dermal rat	12800 mg/kg
LD50 dermal rabbit	12800 mg/kg
LD50 inhalation rat (Vapors – mg/l/4h)	72.6 mg/l/4h

Acute toxicity	: Not classified
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: May be irritating to eyes
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

SECTION 12: ECOLOGICAL INFORMATION**12.1 Toxicity**

Ecology – general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects on the environment.

Propan-2-ol, isopropyl alcohol, isopropanol (67-63-0)	
LC50 fish 1	4200 mg/l (96 hours Rasbora heteromorpha)
EC50 Daphnia 1	13300 mg/l EC50 48h- Daphnia magna (mg/l)

12.2 Persistence and degradability

Bensan Decazyme Extra	
Persistence and degradability	No data available

Propanol-2-ol, isopropyl alcohol, isopropanol (67-63-0)	
Persistence and degradability	Readily biodegradable.
BOD (% of ThOD)	0.3 – 0.6 % ThOD BOD5/COD
Biodegradation	84% (OECD 301E method)

12.3 Bio accumulative potential

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

Propanol-2-ol, isopropyl alcohol, isopropanol (67-63-0)	
Bio-concentration factor (BCF REACH)	3
Log Pow	0.84

12.4 Mobility in Soil

Bensan Decazyme Extra	
Ecology – soil	No data available

12.5 Results of PBT and vPvB assessment

Bensan Decazyme Extra	
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

EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

15.2. Chemical safety assessment

No chemical safety assessment has been carried out for the substance or the mixture by the supplier

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
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Supersedes	NA
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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.