

Biozyme

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Not Classified

Product name : Biozyme

MSDS Code : Not Classified

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

1.2.1. Relevant identified uses

Main use category : Professional use

Industrial/Professional use spec : For professional use only

Use of the substance/mixture : Concentrated liquid preparation containing non-pathogenic bacteria, sodium bicarbonate and nutrients on a cereal base for degradation of fats and greases in a grease trap

1.2.2. Uses advised against

This product is not recommended for any industrial, professional or consumer use other than the identified uses above.

1.3. Details of the supplier of the safety data sheet

ANACHEM 55 SCHOOL ROAD, BALLYMARTIN, KILKEEL, COUNTY DOWN, N. IRELAND, BT34 4UP, NORTHERN IRELAND
Tel: 028 437 67111 Fax: 028 437 68080 Email: leon.hanna@btconnect.com

1.4. Emergency telephone number

Emergency number : Mon to Fri 8.30am to 5.00pm - 028 437 67111

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Not regarded as a health hazard under current legislation

2.2. Label elements

No Legislation Available

2.3. Other hazards

This product contains no substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

Sodium alkyl sulphate 2.5 – 10%		Amylase enzyme 0.1 – 1%	
CAS number: Classification 68585-47-7	EC number: Not Classified	CAS number: Classification 9000-90-2	EC number: Not Classified
R38/41		R42	

Lipase Enzyme 0.1 – 1%		Amylase enzyme 0.1 – 1%	
CAS number: Classification 9001-62-1	EC number: Not Classified	CAS number: Classification Not Classified	EC number: Not Classified
R42		R38/43/51/53/65	

SECTION 4: First aid measures

4.1. Description of first aid measures

Ingestion : Will cause stomach upset – give milk or water and seek medical attention

Skin Contact : Low hazard via this route – wash with clean water

Eye Contact : May cause mild irritation – flush with water for 15 minutes .

SECTION 5: Firefighting measures

5.1. Extinguishing media

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according to Regulation (EC) No. 453/2010

This product is not flammable. Fire extinguishing media should be selected according to the nature of surrounding materials.

5.2. Special hazards arising from the substance or mixture

No Information Available

5.3. Advice for firefighters

Stay up-wind to avoid breathing fumes or vapours. Keep run-off water out of sewers and watercourses. If there is risk of water pollution, notify appropriate authorities. Use self-contained breathing apparatus, gloves and protective goggles. Use full protective clothing appropriate for surrounding materials.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

No Information Available

6.1.2. For emergency responders

Personal Precautions : Spillage may be slippery. Do not allow spilled materials to enter rivers or waterways.
Absorb using Spill Hound if available – sand or earth if not.
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6.2. Environmental precautions

No Information Available

6.3. Methods and material for containment and cleaning up

No Information Available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Read and follow manufacturer's recommendations. Observe good chemical hygiene and handling practices.

7.2. Conditions for safe storage, including any incompatibilities

Eye protection should be considered where there is a risk of splashing. Rubber gloves and barrier cream are recommended when using any chemical.

7.3. Specific end use(s)

Special rules on packaging : Keep only in original container. Store in tightly closed original container in a dry, cool and well-ventilated place.

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Protective Equipment : Gloves
Hand Protection : For prolonged or repeated skin contact use suitable protective gloves
Other Protection : General work wear only

8.2. Exposure controls

Protective Equipment



Appropriate engineering controls

No specific ventilation requirements. If this product is used in such a way as to generate spray mist, additional ventilation may be required.

Hand protection

Protection against this substance requires special consideration. Use protective gloves, complying with an approved standard (EN374), made of the following material: PVC or Nitrile.

The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material. Frequent change is advisable.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

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according to Regulation (EC) No. 453/2010

Appearance	: Liquid, blue
Odour	: Characteristic
Odour threshold	: No data available
pH (Concentrate), pH (10%)	: 7.0 -7.5
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: 104
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density (air = 1)	: No data available
Relative density at 20 °C	: No data available
Solubility	: Soluble in all water
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional Information Available

10.2. Chemical stability

Stable under normal temperature conditions. Avoid Freezing Mixture

10.3. Possibility of hazardous reactions

No additional Information Available

10.4. Conditions to avoid

No additional Information Available

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Product does not decompose under normal conditions.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

No Additional Information Available

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according to Regulation (EC) No. 453/2010

SECTION 12: Ecological information**12.1. Toxicity**

Not classed as Hazardous to the Environment but release to the environment should be avoided.

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

The product is soluble in water.

12.5. Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Disposal methods**

Packaging should be reused, recycled or laundered via a licensed operator wherever possible.

SECTION 14: Transport information

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

14.1. UN number

Not Classified

14.2. UN proper shipping name

Not Classified

14.3. Transport hazard class(es) / labels

Not Classified

14.4. Packing group

Not Classified

14.5. Environmental hazards

Other information : No supplementary information available

14.6. Special precautions for user

No additional information available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBCCode

Not applicable

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according to Regulation (EC) No. 453/2010

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Not Classified

Keep out of reach of children

15.1.2. National regulations

Commission Decision 2000/532/EC as amended by Decision 2001/118/EC establishing a list of wastes and hazardous waste pursuant to Council Directive 75/442/EEC on waste and Directive 91/689/EEC on hazardous waste with amendments

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Read the product label and follow instructions carefully. This product should only be used on the surfaces described on the product

Risk Phrases in full

R38 Irritating to skin. R41 Risk of serious damage to eyes. | R36 Irritating to eyes. |

Do not use or rinse this product in such a way as to generate excessive product mist, as this can cause unnecessary inhalation hazard.

When using this product, ensure that other unprotected personnel, or members of the public, are not exposed. Where necessary, unprotected persons should be excluded from any area where the product is being used.

All users should have access to, and be familiar with the contents of, this data sheet.

If this product is decanted into other containers, ensure that they are suitable, clean and correctly labelled.

Product spills may be very slippery - ensure that spillages are cleaned up immediately and that adequate warnings are given to other personnel.

SDS EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product