

# EndoPreZyme

Version: 2 / OM

Replaces Version: 1 /  
OM

Date revised: 06.04.2021

Print date: 18.11.21

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

### 1.1. Product identifier

EndoPreZyme

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

#### Identified Uses

PC35

Washing and cleaning products (including solvent based products)

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

#### Address:

Muscat Pharmacy & Stores LLC  
Block 144, Building No. 51  
Al Bustan Road, Street No. 46  
PO Box 438  
Muscat - Oman  
Telephone no. +968 24814501

#### E-mail address of person responsible for this SDS:

sida@drweigert.de

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008.

### 2.2. Label elements

#### Labelling according to regulation (EC) No 1272/2008

#### Supplemental information

EUH210

Safety data sheet available on request.

### 2.3. Other hazards

No special hazards have to be mentioned. The product contains no PBT or vPvB substances.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients

##### 2-phenoxyethanol

CAS No.	122-99-6				
EINECS no.	204-589-7				
Registration no.	01-2119488943-21				
Concentration	$\geq 1$	$< 10$			%
Classification (Regulation (EC) No. 1272/2008)	Acute Tox. 4	H302			
	Eye Irrit. 2	H319			

##### propan-2-ol

CAS No.	67-63-0				
EINECS no.	200-661-7				
Registration no.	01-2119457558-25				
Concentration	$\geq 1$	$< 10$			%

# EndoPreZyme

Version: 2 / OM

Replaces Version: 1 /  
OM

Date revised: 06.04.2021

Print date: 18.11.21

Classification (Regulation (EC) No. 1272/2008)

Flam. Liq. 2	H225
Eye Irrit. 2	H319
STOT SE 3	H336

## Other information

Complete text of hazard statements in chapter 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

In case of persistent symptoms consult doctor.

#### After inhalation

Ensure supply of fresh air. In the event of symptoms take medical treatment.

#### After skin contact

In case of contact with skin wash off with warm water. Consult a doctor if skin irritation persists.

#### After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). In case of irritation consult an oculist.

#### After ingestion

Rinse out mouth and give plenty of water to drink.

#### Adhere to personal protective measures when giving first aid

First aider: Pay attention to self-protection!

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

Until now no symptoms known so far.

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

#### Hints for the physician / hazards

In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Product itself is non-combustible; adapt fire extinguishing measures to surrounding areas.

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

In case of combustion evolution of dangerous gases possible.

### 5.3. Advice for firefighters

#### Special protective equipment for fire-fighting

In case of combustion use a suitable breathing apparatus.

## SECTION 6: Accidental release measures

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

Avoid contact with skin, eyes and clothing.

### 6.2. Environmental precautions

Do not discharge into surface waters/groundwater.

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

# EndoPreZyme

Version: 2 / OM

Replaces Version: 1 /  
OM

Date revised: 06.04.2021

Print date: 18.11.21

Pick up with absorbent material. Clean contaminated floors and objects thoroughly, observing environmental regulations. Dispose of as prescribed.

## 6.4. Reference to other sections

Refer to protective measures listed in Sections 7 and 8.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on protection against fire and explosion

No special measures required.

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

#### Recommended storage temperature

Value > 0 < 25 °C

#### Requirements for storage rooms and vessels

Store product in closed containers.

#### Hints on storage assembly

Do not store together with foodstuffs.

#### Further information on storage conditions

Protect from heat and direct sunlight. Keep container tightly closed and dry.

### 7.3. Specific end use(s)

no data

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Other information

There are not known any further control parameters.

### 8.2. Exposure controls

#### General protective and hygiene measures

Observe the usual precautions for handling chemicals.

#### Respiratory protection

Not necessary, but do not inhale vapours. If workplace limits are exceeded, a respiratory protection approved for this particular job must be worn.

#### Hand protection

Chemical resistant gloves

Use

Appropriate Material

Material thickness

Breakthrough time

Appropriate Material

Material thickness

Breakthrough time

Appropriate Material

Material thickness

Breakthrough time

Use

Appropriate Material

Material thickness

Hand protection must comply with EN 374.

Permanent hand contact

neoprene

>= 0,65

mm

> 480

min

nitrile

>= 0,4

mm

> 480

min

butyl

>= 0,7

mm

> 480

min

Short-term hand contact

nitrile

>= 0,11

mm

# EndoPreZyme

Version: 2 / OM

Replaces Version: 1 /  
OM

Date revised: 06.04.2021

Print date: 18.11.21

## Eye protection

Safety glasses with side protection shield; Eye protection must comply with EN 166.

## Body protection

Not necessary.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

<b>Form</b>	liquid, clear
<b>Colour</b>	colourless to yellowish
<b>Odour</b>	alcohol-like

#### Odour threshold

Remarks	not determined
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#### pH value

Value	7,1	
Temperature	20	°C

#### Melting point

Remarks	not determined
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#### Freezing point

Remarks	not determined
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#### Initial boiling point and boiling range

Remarks	not determined
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#### Flash point

Value	> 60	°C
Method	closed cup	

#### Evaporation rate (ether = 1) :

Remarks	not determined
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#### Flammability (solid, gas)

evaluation	Not applicable
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#### Upper/lower flammability or explosive limits

Remarks	Not applicable
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#### Vapour pressure

Remarks	not determined
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#### Vapour density

Remarks	not determined
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#### Density

Value	1,03	g/cm <sup>3</sup>
Temperature	20	°C

#### Solubility in water

Remarks	miscible in all proportions
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#### Solubility(ies)

Remarks	not determined
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#### Partition coefficient: n-octanol/water

Remarks	not determined
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#### Ignition temperature

Remarks	Not applicable
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# EndoPreZyme

Version: 2 / OM

Replaces Version: 1 /  
OM

Date revised: 06.04.2021

Print date: 18.11.21

## Decomposition temperature

Remarks not determined

## Viscosity

### dynamic

Value < 10 mPa.s  
Temperature 20 °C

## Explosive properties

evaluation not determined

## Oxidising properties

evaluation None known

## 9.2. Other information

### Other information

None known

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No hazardous reactions when stored and handled according to prescribed instructions.

### 10.2. Chemical stability

No hazardous reactions known.

### 10.3. Possibility of hazardous reactions

No hazardous reactions known.

### 10.4. Conditions to avoid

No hazardous reactions known.

### 10.5. Incompatible materials

None known

### 10.6. Hazardous decomposition products

No hazardous decomposition products known.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute oral toxicity

ATE > 10.000 mg/kg  
Method calculated value (Regulation (EC) No. 1272/2008)  
Remarks Based on available data, the classification criteria are not met.

#### Acute oral toxicity (Components)

##### 2-phenoxyethanol

Species rat  
LD50 1850 mg/kg

##### propan-2-ol

Species rat  
LD50 5840 mg/kg  
Method OECD 401

#### Acute dermal toxicity

Remarks Based on available data, the classification criteria are not met.

#### Acute dermal toxicity (Components)

# EndoPreZyme

Version: 2 / OM

Replaces Version: 1 /  
OM

Date revised: 06.04.2021

Print date: 18.11.21

## propan-2-ol

Species	rabbit	
LD50	13900	mg/kg
Method	OECD 402	

## Acute inhalational toxicity

Remarks Based on available data, the classification criteria are not met.

## Acute inhalative toxicity (Components)

### propan-2-ol

Species	rat	
LC50	> 25	mg/l
Duration of exposure	6	h
Administration/Form	Vapors	
Method	OECD 403	

## Skin corrosion/irritation

Remarks Based on available data, the classification criteria are not met.

## Serious eye damage/irritation

Remarks Based on available data, the classification criteria are not met.

## Sensitization

Remarks Based on available data, the classification criteria are not met.

## Subacute, subchronic, chronic toxicity

Remarks Based on available data, the classification criteria are not met.

## Mutagenicity

Remarks Based on available data, the classification criteria are not met.

## Reproductive toxicity

Remarks Based on available data, the classification criteria are not met.

## Carcinogenicity

Remarks Based on available data, the classification criteria are not met.

## Specific Target Organ Toxicity (STOT)

### Single exposure

Remarks Based on available data, the classification criteria are not met.

### Repeated exposure

Remarks Based on available data, the classification criteria are not met.

## Aspiration hazard

Based on available data, the classification criteria are not met.

## Other information

There is no data available on the product apart from the information given in this subsection.

## SECTION 12: Ecological information

### 12.1. Toxicity

#### General information

not determined

#### Fish toxicity (Components)

##### 2-phenoxyethanol

Species	golden orfe (Leuciscus idus)	
LC50	220 to 460	mg/l
Duration of exposure	96	h

##### propan-2-ol

# EndoPreZyme

Version: 2 / OM

Replaces Version: 1 /  
OM

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Print date: 18.11.21

Species	Fathead minnow ( <i>Pimephales promelas</i> )	
LC50	9640	mg/l
Duration of exposure	96	h

## Daphnia toxicity (Components)

### 2-phenoxyethanol

Species	Daphnia magna	
EC50	> 500	mg/l
Duration of exposure	48	h

### propan-2-ol

Species	Daphnia magna	
LC50	appr. 10000	mg/l
Duration of exposure	48	h

## Algae toxicity (Components)

### 2-phenoxyethanol

Species	Scenedesmus subspicatus	
ErC50	> 500	mg/l
Duration of exposure	72	h

### propan-2-ol

Species	Scenedesmus subspicatus	
IC50	> 1000	mg/l
Duration of exposure	72	h

## Bacteria toxicity (Components)

### propan-2-ol

Species	activated sludge	
EC50	> 100	mg/l

## 12.2. Persistence and degradability

### General information

not determined

## 12.3. Bioaccumulative potential

### General information

not determined

### Partition coefficient: n-octanol/water

Remarks	not determined
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## 12.4. Mobility in soil

### General information

not determined

## 12.5. Results of PBT and vPvB assessment

### Evaluation of persistence and bioaccumulation potential

The product contains no PBT or vPvB substances.

## 12.6. Other adverse effects

### General information

not determined

### General information / ecology

Do not discharge product unmonitored into the environment.

## SECTION 13: Disposal considerations

# EndoPreZyme

Version: 2 / OM

Replaces Version: 1 /  
OM

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Print date: 18.11.21

## 13.1. Waste treatment methods

### Disposal recommendations for the product

Allocation of a waste code number, according to the European Waste Catalogue (EWC), should be carried out in agreement with the regional waste disposal company.

### Disposal recommendations for packaging

Packaging that cannot be cleaned should be disposed off in agreement with the regional waste disposal company.

## SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number	The product does not constitute a hazardous substance in land transport.	The product does not constitute a hazardous substance in sea transport.	The product does not constitute a hazardous substance in air transport.

## Information for all modes of transport

### 14.6. Special precautions for user

See Sections 6 to 8

## Other information

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

## SECTION 15: Regulatory information

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

### Other information

The product does not contain substances of very high concern (SVHC).

## 15.2. Chemical safety assessment

For this preparation a chemical safety assessment has not been carried out.

## SECTION 16: Other information

### Hazard statements listed in Chapter 3

H225	Highly flammable liquid and vapour.
H302	Harmful if swallowed.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.

### CLP categories listed in Chapter 3

Acute Tox. 4	Acute toxicity, Category 4
Eye Irrit. 2	Eye irritation, Category 2
Flam. Liq. 2	Flammable liquid, Category 2
STOT SE 3	Specific target organ toxicity - single exposure, Category 3

### Abbreviations

ADR: Accord européen relatif au transport international des marchandises Dangereuses par Route  
RID: Règlement concernant le transport international ferroviaire de marchandises dangereuses  
IMDG: International Maritime Code for Dangerous Goods  
ICAO: International Civil Aviation Organization  
IATA: International Air Transport Association  
VOC: Volatile Organic Compound



## EndoPreZyme

Version: 2 / OM

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LD: Lethal dose

LC: Lethal concentration

PBT: Persistent, Bioaccumulative and Toxic

vPvB: Very persistent and very bioaccumulative

SVHC: Substances of very high concern

UN: United Nations

CAS: Chemical Abstracts Service

OECD: Organisation for Economic Co-operation and Development

GHS: Globally Harmonized System of classification and Labelling of Chemicals

REACH: Registration, Evaluation, Autohorisation and Restriction of Chemicals

MARPOL 73/78: International Convention for the Prevention of Pollution From Ships, 1973 as modified  
by the Protocol of 1978 (MARPOL: Marine Pollution)

IBC: Intermediate Bulk Container

ASTM: American Society for Testing And Materials

TSCA: Toxic Substances Control Act (USA)

WHO: World Health Organization

IMO: International Maritime Organization

IUCLID: International Uniform Chemical Information Database

### Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: \*\*\*

This information is based on our present state of knowledge. However, it should not constitute a  
guarantee for any specific product properties and shall not establish a legally valid relationship.