

# EndoPreZyme

Version: 2 / GB

Replaces Version: 1 /  
GB

Date revised: 06.04.2021

Print date: 26.11.21

## 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:

Olympus KeyMed Ltd  
KeyMed House  
Stock Road  
Southend-on-Sea  
Essex, SS2 5QH -United Kingdom  
Telephone no. +44 (0)1702 616333

#### 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	>= 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	>= 1	<	10	%	

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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

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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

#### Exposure limit values

##### propan-2-ol

List	EH40			
Type	WEL			
Value	999	mg/m <sup>3</sup>	400	ppm(V)
Short term exposure limit	1250	mg/m <sup>3</sup>	500	ppm(V)
Status: 2011				

#### 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	Permanent hand contact		
Appropriate Material	neoprene		
Material thickness	>= 0,65	mm	
Breakthrough time	> 480	min	
Appropriate Material	nitrile		
Material thickness	>= 0,4	mm	
Breakthrough time	> 480	min	

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Appropriate Material	butyl	
Material thickness	>= 0,7	mm
Breakthrough time	> 480	min
Use	Short-term hand contact	
Appropriate Material	nitrile	
Material thickness	>= 0,11	mm
Hand protection must comply with EN 374.		

## 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)

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Remarks not determined

## Partition coefficient: n-octanol/water

Remarks not determined

## Ignition temperature

Remarks Not applicable

## 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

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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)

### 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

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## Fish toxicity (Components)

### 2-phenoxyethanol

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

### propan-2-ol

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

## 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

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## General information

not determined

## General information / ecology

Do not discharge product unmonitored into the environment.

## SECTION 13: Disposal considerations

### 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

#### Ingredients (Regulation (EC) No 648/2004)

less than 5 %:

phosphonates

#### Further ingredients

enzymes, preservation agents: 2-phenoxyethanol

#### 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.



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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

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.