

# Safety Data Sheet

acc. to OSHA HCS

Date of issue: 12/10/2024

Reviewed on 12/10/2024

## 1 Identification

### Product identifier

Product: **Prionex® 10%**

### Other means of identification

**Article number:** 069-03

### Application of the substance / the mixture

Biochemical product

Protein stabilizer

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

#### Manufacturer/Distributor:

Pentapharm AG

Dornacherstrasse 112

CH- 4147 Aesch / Switzerland

Phone +41 61 706 48 48

Fax +41 61 706 48 00

**Information department:** pentapharm@pentapharm.com

**Emergency phone number:** Tox Info Suisse : +41 44 251 51 51 (24h; 7 days a week)

## 2 Hazard(s) identification

### Classification of the substance or mixture

The product is not classified according to OSHA Hazard Communication Standard (29 CFR 1910.1200).

The product is not classified, according to the Globally Harmonized System (GHS).

### Label elements

**GHS label elements** No labelling required.

**Hazard pictograms** None

**Signal word** None

**Hazard statements** None

## 3 Composition/information on ingredients

### Chemical characterization: Mixtures

**Description:** Mixture of the substances listed below with nonhazardous additions.

**Dangerous components:** void

## 4 First-aid measures

### Description of first aid measures

**General information:** No special measures required.

#### After inhalation:

Remove person to fresh air and keep comfortable for breathing.

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If experiencing respiratory symptoms: Call a poison center/doctor.

**After skin contact:**

Wash with plenty of water and soap.

If skin irritation or rash occurs: Get medical advice/attention.

**After eye contact:**

Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

**After swallowing:** If symptoms persist consult doctor.

**Most important symptoms and effects, both acute and delayed**

No further relevant information available.

**Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

## 5 Fire-fighting measures

**Extinguishing media**

**Suitable extinguishing agents:** CO<sub>2</sub>, foam, dry powder or water spray.

**Special hazards arising from the substance or mixture** No further relevant information available.

**Advice for firefighters**

**Protective equipment:**

Wear self-contained respiratory protective device.

Wear protective clothing to prevent contact with skin and eyes.

## 6 Accidental release measures

**Personal precautions, protective equipment and emergency procedures**

Avoid contact with skin and eyes.

**Environmental precautions** Do not allow to enter sewers/surface or ground water.

**Methods and material for containment and cleaning up**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Clean the affected area carefully and ensure adequate ventilation.

**Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

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## 7 Handling and storage

**Precautions for safe handling** Avoid contact with skin and eyes.

**Information about protection against explosions and fires:** No special measures required.

**Conditions for safe storage, including any incompatibilities**

**Storage:**

**Requirements to be met by storerooms and receptacles:** No special requirements.

**Information about storage in one common storage facility:** Not required.

**Further information about storage conditions:**

Store in cool, dry conditions in well sealed receptacles.

Protect from heat and direct sunlight.

**Specific end use(s)** No further relevant information available.

## 8 Exposure controls/personal protection

**Control parameters**

**Components with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**Exposure controls**

**Personal protective equipment:**

**General protective and hygienic measures:**

The usual precautionary measures for handling chemicals should be followed.

Ensure good ventilation/exhaustion at the workplace.

Keep away from foodstuffs, beverages and feed.

Avoid contact with the eyes and skin.

Wash hands before breaks and at the end of work.

**Breathing equipment:** Not required.

**Protection of hands:**



Protective gloves

**Material of gloves**

Protective gloves must be compliant with the specifications of ANSI/ISEA 105-2016 and be in accordance with the standard EN374. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

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## Eye protection:



Safety glasses

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

## Limitation and supervision of exposure into the environment

Do not allow to enter sewers/surface or ground water.

## 9 Physical and chemical properties

### Information on basic physical and chemical properties

#### General Information

<b>Physical state:</b>	Liquid
<b>Color:</b>	Clear, pale yellow to amber colored
<b>Odor:</b>	Characteristic
<b>Odor threshold:</b>	Not determined.
<b>Melting point/Melting range:</b>	Not determined.
<b>Boiling point/Boiling range:</b>	Not determined.
<b>Flammability (solid, fluid, gaseous):</b>	Not applicable.
<b>Explosion limits:</b>	
<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
<b>Flash point:</b>	Not determined.
<b>Auto igniting:</b>	Not determined.
<b>Decomposition temperature:</b>	Not determined.
<b>pH-value:</b>	6.0 - 7.5
<b>Viscosity</b>	
<b>Kinematic:</b>	Not determined.
<b>Dynamic:</b>	Not determined.
<b>Solubility in / Miscibility with</b>	
<b>Water:</b>	Not determined.
<b>Partition coefficient (n-octanol/water):</b>	Not determined.
<b>Vapor pressure:</b>	Not determined.
<b>Vapor pressure:</b>	
<b>Relative density at 20 °C (68 °F):</b>	1.03 - 1.045 g/cm <sup>3</sup> (8.59535 - 8.72053 lbs/gal)
<b>Vapor density:</b>	Not determined.
<b>Particle characteristics:</b>	Not applicable.

#### Other information

##### Appearance

**Form:** Liquid

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## Important information on protection of health and environment, and on safety

**Ignition temperature:**

The product is not selfigniting.

**Danger of explosion:**

The product does not present an explosion hazard.

**Change in condition**

**Oxidizing properties:**

Not determined.

**Evaporation rate:**

Not determined.

## 10 Stability and reactivity

**Reactivity** No further relevant information available.

**Chemical stability** No information available.

**Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

**Possibility of hazardous reactions** No dangerous reactions known.

**Conditions to avoid** Heat may cause this product to decompose.

**Incompatible materials** No further relevant information available.

**Hazardous decomposition products** Nature of decomposition products not known.

## 11 Toxicological information

### Information on toxicological effects

**Acute toxicity:** Based on available data, the classification criteria are not met.

**LD/LC50 values that are relevant for classification:** No further relevant information available.

**Specific symptoms in biological assay:**

**Skin corrosion/irritation** Based on available data, the classification criteria are not met.

**Serious eye damage/irritation** Based on available data, the classification criteria are not met.

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

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

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

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

**Specific target organ toxicity - single exposure**

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

**Specific target organ toxicity - repeated exposure**

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

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

**Interactive effects** No interactive effects between components are known.

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**OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

## 12 Ecological information

**Toxicity**

**Aquatic toxicity:** No further relevant information available.

**Persistence and degradability** No further relevant information available.

**Bioaccumulative potential** No further relevant information available.

**Mobility in soil** No further relevant information available.

**Other adverse effects** No further relevant information available.

## 13 Disposal considerations

**Waste treatment methods**

**Recommendation:** Recommendation for product: Dispose of according to federal, state, and local law.

**Uncleaned packagings:**

**Recommendation:**

Recommendation for unclean packaging: Dispose of according to federal, state, and local law.

**Recommended cleansing agent:** Water, if necessary with cleansing agents.

## 14 Transport information

**UN-Number**

DOT, ADR/ADN, ADN, IMDG, IATA

Not regulated

**UN proper shipping name**

DOT, ADR/ADN, ADN, IMDG, IATA

Not regulated

**Transport hazard class(es)**

DOT, ADR/ADN, ADN, IMDG, IATA

**Class**

Not regulated

**Packing group**

DOT, ADR/ADN, IMDG, IATA

Not regulated

**Environmental hazards**

**Marine pollutant:**

No

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**Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.

**Transport/Additional information:**

**ADR/ADN**  
**Remarks:** Not classified.

**IMDG**  
**Remarks:** Not classified.

**IATA**  
**Remarks:** Not classified.

**Special precautions for user** Not applicable.

**UN "Model Regulation":** Not regulated

## 15 Regulatory information

**Safety, health and environmental regulations/legislation specific for the substance or mixture**  
**SARA**

SARA Section 110 (priority list of Hazardous substances):  
None of the ingredients is listed.

**SARA Section 355 (extremely hazardous substances):**

None of the ingredient is listed.

**SARA Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

**TSCA (Toxic Substances Control Act):**

All ingredients are listed.

**Hazardous Air Pollutants**

None of the ingredients is listed.

**California Proposition 65**

**Chemicals known to cause cancer:**

None of the ingredients is listed.

**Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

**Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

**Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

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**New Jersey Right-to-Know List:**

None of the ingredients is listed.

**Pennsylvania Right-to-Know List:**

None of the ingredients is listed.

**Carcinogenicity categories**

**EPA (Environmental Protection Agency)**

None of the ingredients is listed.

**IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

**TLV (Threshold Limit Value)**

None of the ingredients is listed.

**NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

**Massachusetts Right To Know List:** None of the ingredients is listed.

## 16 Other information

All information and instructions provided in this Safety Data Sheet are based on the current state of scientific and technical knowledge at the date indicated on this Safety Data Sheet. Pentapharm AG shall not be held responsible for any defect in the product covered by this Safety Data Sheet, should the existence of such a defect not be detectable considering the current state of scientific and technical knowledge.

An asterisk (\*) in the left hand margin indicates an amendment from the previous version.

**Date of previous version** 06/20/2017

**Version number of previous version:** 1.0

**Date of preparation** 12/10/2024

**Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health Administration

OSHA-Ca: U.S. OSHA designated carcinogen list

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

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