

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

H-His-Tyr-OH

Revision date: 14.07.2020

Product code: 4001317

Page 1 of 4

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

### 1.1. Product identifier

H-His-Tyr-OH  
Substance name: H-His-Tyr-OH  
CAS No: 35979-00-1

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

Use of the substance/mixture  
Laboratory chemicals

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

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

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

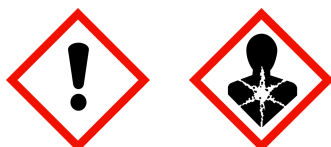
Hazard categories:  
Reproductive toxicity: Repr. 1B  
Acute toxicity: Acute Tox. 4  
Acute toxicity: Acute Tox. 4  
Hazard Statements:  
Harmful in contact with skin.  
Harmful if inhaled.  
May damage the unborn child.

### 2.2. Label elements

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

Signal word: Danger

Pictograms:



#### Hazard statements

H312+H332 Harmful in contact with skin or if inhaled.  
H360D May damage the unborn child.

#### Precautionary statements

P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P308+P313 IF exposed or concerned: Get medical advice/attention.  
P405 Store locked up.  
P501 Dispose of contents/container to an appropriate recycling or disposal facility.

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Sum formula: C15H18N4O4  
Molecular weight: 318.33

# Safety Data Sheet

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**H-His-Tyr-OH**

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Page 2 of 4

## Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
35979-00-1	H-His-Tyr-OH			100 %
	Repr. 1B, Acute Tox. 4, Acute Tox. 4; H360D H332 H312			

Full text of H and EUH statements: see section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

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

Carbon dioxide (CO<sub>2</sub>) Nitrogen oxides (NO<sub>x</sub>)

## SECTION 6: Accidental release measures

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

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

Requirements for storage rooms and vessels

Recommended storage temperature: < -15 °C

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Additional advice on limit values

To date, no national critical limit values exist.

### 8.2. Exposure controls

## SECTION 9: Physical and chemical properties

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

Physical state: solid  
Colour: light yellow  
Odour: This information is not available.

#### Changes in the physical state

Melting point: 168 °C  
Water solubility: 50 g/L  
(at 25 °C)

## SECTION 10: Stability and reactivity

## SECTION 11: Toxicological information

# Safety Data Sheet

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H-His-Tyr-OH

Revision date: 14.07.2020

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Page 3 of 4

## 11.1. Information on toxicological effects

### Acute toxicity

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
35979-00-1	H-His-Tyr-OH				
	dermal	ATE 1100 mg/kg			
	inhalation vapour	ATE 11 mg/l			
	inhalation aerosol	ATE 1.5 mg/l			

## SECTION 12: Ecological information

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

## SECTION 14: Transport information

### Land transport (ADR/RID)

<b>14.1. UN number:</b>	No dangerous good in sense of this transport regulation.
<b>14.2. UN proper shipping name:</b>	No dangerous good in sense of this transport regulation.
<b>14.3. Transport hazard class(es):</b>	No dangerous good in sense of this transport regulation.
<b>14.4. Packing group:</b>	No dangerous good in sense of this transport regulation.

### Inland waterways transport (ADN)

<b>14.1. UN number:</b>	No dangerous good in sense of this transport regulation.
<b>14.2. UN proper shipping name:</b>	No dangerous good in sense of this transport regulation.
<b>14.3. Transport hazard class(es):</b>	No dangerous good in sense of this transport regulation.
<b>14.4. Packing group:</b>	No dangerous good in sense of this transport regulation.

### Marine transport (IMDG)

<b>14.1. UN number:</b>	No dangerous good in sense of this transport regulation.
<b>14.2. UN proper shipping name:</b>	No dangerous good in sense of this transport regulation.
<b>14.3. Transport hazard class(es):</b>	No dangerous good in sense of this transport regulation.
<b>14.4. Packing group:</b>	No dangerous good in sense of this transport regulation.

### Air transport (ICAO-TI/IATA-DGR)

<b>14.1. UN number:</b>	No dangerous good in sense of this transport regulation.
<b>14.2. UN proper shipping name:</b>	No dangerous good in sense of this transport regulation.
<b>14.3. Transport hazard class(es):</b>	No dangerous good in sense of this transport regulation.
<b>14.4. Packing group:</b>	No dangerous good in sense of this transport regulation.

### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

### 14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

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

No dangerous good in sense of this transport regulation.

## SECTION 15: Regulatory information

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Revision date: 14.07.2020

Product code: 4001317

Page 4 of 4

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

### **National regulatory information**

## **SECTION 16: Other information**

### **Relevant H and EUH statements (number and full text)**

H312	Harmful in contact with skin.
H312+H332	Harmful in contact with skin or if inhaled.
H332	Harmful if inhaled.
H360D	May damage the unborn child.