

Trade name: Bis(2-Hydroxypropyl)amine ≥98.0% (T)

Substance number: 063969

Version: 1 / CH

Date revised: 20.04.2026

Replaces Version: - / CH

Print date: 20.04.26

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

### **1.1. Product identifier**

Bis(2-Hydroxypropyl)amine ≥98.0% (T)

Item No. 06396900

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

#### **Use of the substance/preparation**

Laboratory chemicals

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

#### **Address/Manufacturer**

Hänseler AG

Industriestrasse 35

9100 Herisau

Telephone no. 0041 (0)71 353 58 58

E-mail address of sdb@haenseler.ch

person responsible  
for this SDS

### **1.4. Emergency telephone number**

Switzerland :145 / Abroad +41 (0)44 251 51 51

## **SECTION 2: Hazards identification**

### **2.1. Classification of the substance or mixture**

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

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

Eye Irrit. 2 H319

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008

For explanation of abbreviations see section 16.

### **2.2. Label elements**

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

##### **Hazard pictograms**



##### **Signal word**

Warning

##### **Hazard statements**

H319 Causes serious eye irritation.

##### **Precautionary statements**

P264.1 Wash hands thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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P337+P313

If eye irritation persists: Get medical advice/attention.

**Reduced labeling (<= 125 ml)****Hazard pictograms****Signal word**

Warning

**2.3. Other hazards**

The Substance does not meet PBT-criteria. This substance does not meet the vPvB-criteria. This substance does not have endocrine disrupting properties with respect to humans. This substance does not have endocrine disrupting properties with respect to non-target organisms.

**SECTION 3: Composition/information on ingredients****Molecular weight**

Value to 133.19 g/mol

**Hazardous ingredients****1,1'-iminodipropyl-2-ol**

CAS No. 110-97-4

EINECS no. 203-820-9

Concentration ≥ 50 %

Classification (Regulation (EC) No. 1272/2008)  
Eye Irrit. 2 H319**SECTION 4: First aid measures****4.1. Description of first aid measures****General information**

In any case show the physician the Safety Data Sheet.

**After inhalation**

Ensure supply of fresh air.

**After skin contact**

Remove contaminated, soaked clothing immediately and dispose of safely. After contact with skin, wash immediately with plenty of water.

**After eye contact**

Separate eyelids, wash the eyes thoroughly with water (15 min.). Remove contact lenses. Eye treatment by an ophthalmologist.

**After ingestion**

Drink water in small gulps. Take medical treatment.

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

Important or other important known symptoms and effects are described in the GHS labelling of the product (see section 2) and in section 11.

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

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**Hints for the physician / treatment**

Symptomatic treatment, no specific antidote known.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

Carbon dioxide, Foam, Dry powder

**Non suitable extinguishing media**

No extinguishing agent restrictions

**5.2. Special hazards arising from the substance or mixture**The product is combustible. Vapours heavier than air. Forms explosive mixture with air are possible. In case of combustion evolution of dangerous gases possible. Nitrogen oxides (NO<sub>x</sub>)**5.3. Advice for firefighters****Special protective equipment for fire-fighting**

Use self-contained breathing apparatus.

**Other information**

Suppress gases/vapours/mists with water spray jet. Do not discharge into surface waters/groundwater.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Avoid breathing dust. Ensure adequate ventilation. Keep away unprotected persons. Don't touch

**6.2. Environmental precautions**

Do not empty into drains.

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

Take up mechanically and collect in suitable container for disposal. Clean up affected area. Avoid raising dust.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

Avoid contact with skin, eyes and clothing. Provide good ventilation of working area (local exhaust ventilation if necessary).

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Keep container tightly closed and dry.

**Storage classes**

Storage class according to TRGS 510

11

Combustible solids

Storage category (Switzerland)

11/13

Other solid hazardous substances with classification/labelling hazardous

**Further information on storage conditions**

Product is hygroscopic. Protect from exposure to air/oxygen.

**SECTION 8: Exposure controls/personal protection**

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## 8.2. Exposure controls

### General protective and hygiene measures

General industrial hygiene practice. Provide adequate ventilation. Observe the usual precautions for handling chemicals.

### Respiratory protection

Breathing apparatus in the event of aerosol. If vapours occur, use filter type A (= against vapours of organic compounds) according to EN 14387. DIN EN 143

### Hand protection

The glove material must be sufficient impermeable and resistant to the substance. Check the tightness before wear. Gloves should be well cleaned before being removed, then stored in a well ventilated location.

Appropriate Material	nitrile rubber - NBR		
Material thickness	0.11	mm	
Breakthrough time	480	min	

Hand protection must comply with EN 374.

### Eye protection

Safety glasses; Eye protection must comply with EN 166.

### Body protection

Protective clothing

### Environmental exposure controls

Do not allow to enter drains or water courses.

## SECTION 9: Physical and chemical properties

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

<b>Physical state</b>	solid			
<b>Colour</b>	beige			
<b>Melting point</b>				
Value	42	to	45	°C
<b>Boiling point or initial boiling point and boiling range</b>				
Value	249	to	250	°C
Pressure	993	hPa		
Method	Value taken from the literature			
<b>Flash point</b>				
Value		to	135	°C
Method	closed cup			
<b>Auto-ignition temperature</b>				
Value		to	290	°C
Method	DIN 51794			
<b>Density and/or relative density</b>				
Value		to	1.004	g/cm <sup>3</sup>
Temperature	25	°C		
Method	Value taken from the literature			

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Danger of dust explosion

### 10.2. Chemical stability

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Stable under recommended storage and handling conditions (see section 7).

### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions: Oxidising agents. acid anhydrides. Halide acids. Isocyanates.  
Warning! Contact with nitrites, nitrates or nitrous acid may result in the release of nitrosamines!

### 10.4. Conditions to avoid

Severe overheating.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute oral toxicity

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

#### Acute oral toxicity (Components)

##### 1,1'-iminodipropan-2-ol

Species rat  
LD50 to 4.765 mg/kg

#### Acute dermal toxicity

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

#### Acute dermal toxicity (Components)

##### 1,1'-iminodipropan-2-ol

Remarks No data available.

#### Acute inhalational toxicity

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

#### Acute inhalative toxicity (Components)

##### 1,1'-iminodipropan-2-ol

Remarks No data available.

#### Skin corrosion/irritation

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

#### Serious eye damage/irritation

evaluation irritant  
Remarks The classification criteria are met.

#### Serious eye damage/irritation (Components)

##### 1,1'-iminodipropan-2-ol

Species rabbit  
Duration of exposure 72 h  
evaluation irritant  
Method OECD 405

#### Sensitization

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

#### Sensitization (Components)

##### 1,1'-iminodipropan-2-ol

Remarks No data available.

#### Mutagenicity

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

#### Mutagenicity (Components)

##### 1,1'-iminodipropan-2-ol

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Remarks No information available.

**Reproductive toxicity**

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

**Reproduction toxicity (Components)****1,1'-iminodipropan-2-ol**

Remarks No data available.

**Carcinogenicity**

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

**Carcinogenicity (Components)****1,1'-iminodipropan-2-ol**

Remarks No data available

**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.

**11.2. Information on other hazards****Endocrine disrupting properties with respect to humans**

This substance does not have endocrine disrupting properties with respect to humans.

**SECTION 12: Ecological information****12.1. Toxicity****Fish toxicity (Components)****1,1'-iminodipropan-2-ol**

Species	goldfish ( <i>Carassius auratus</i> )		
LC50		to	1100 mg/l
Duration of exposure	24	h	

**12.2. Persistence and degradability****Biodegradability (Components)****1,1'-iminodipropan-2-ol**

Remarks No data available.

**12.5. Results of PBT and vPvB assessment****Results of PBT and vPvB assessment**

The Substance does not meet PBT-criteria.  
This substance does not meet the vPvB-criteria.

**12.6 Endocrine disrupting properties****Endocrine disrupting properties with respect to the environment**

This substance does not have endocrine disrupting properties with respect to non-target organisms.

**SECTION 13: Disposal considerations****SECTION 14: Transport information**

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	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number or ID 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.

## SECTION 15: Regulatory information

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

#### Water Hazard Class (Germany)

Water Hazard Class WGK 1

(Germany)

Remarks Derivation of WGK according to Annex 1 No. 5.2 AwSV

#### Other information

The product does not contain substances according to Candidate List for inclusion in Annex XIV of Regulation (EC) No. 1907/2006 (REACH) with a content of  $\geq 0.1\%$  w/w.

## SECTION 16: Other information

### Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

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

Eye Irrit. 2 H319

Calculation method

### Hazard statements listed in Chapter 2/3

H319 Causes serious eye irritation.

### CLP categories listed in Chapter 2/3

Eye Irrit. 2 Eye irritation, Category 2

### 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.