



CJ Haide (Ningbo) Biotech Co., Ltd.  
#799 Feng xiang Rd, Xiepu,  
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Tel. : +86 574 8628 0520  
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# Safety Data Sheet

## L-Histidine Base

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### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### Product identifiers

Product name : L-Histidine  
CAS-No. : 71-00-1

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

Identified uses : Laboratory chemicals, Manufacture of substances

#### Details of the Manufacturer/Supplier

Company Name/address : CJ HAIDE(NINGBO)BIOTECH CO., Ltd  
#799 Fengxiang Rd, Xiepu, Zhenhai,  
Ningbo, China

Telephone : +86 574-86251555  
Website : www.cjhaidebio.com

#### Emergency telephone number

Emergency Phone # : +86 574-86251555

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### 2. HAZARDS IDENTIFICATION

#### Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008 (CLP)

#### Label elements

No required Label elements according to Regulation(EC) No.1272/2008(CLP).

#### Other hazards

None.

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Substances

Synonyms : (S)-2-Amino-3-(4-imidazolyl) propionic acid  
Formula :  $C_6H_9N_3O_2$   
Molecular weight : 155.15g/mol  
CAS-No. : 71-00-1  
EC-No. : 200-745-3

No components need to be disclosed according to the applicable regulations.

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### 4. FIRST AID MEASURES

#### Description of first aid measures

##### If inhaled

If breathed in, Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor/...if you feel unwell.



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**In case of skin contact**

Take off immediately all contaminated clothing. Rinse skin with water [or shower]

**In case of eye contact**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.

**If swallowed**

Never give anything by mouth to an unconscious person. Rinse mouth with water. Call a POISON CENTER/doctor/...if you feel unwell.

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

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

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

No data available

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**5. FIREFIGHTING MEASURES**

**Extinguishing media Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Special hazards arising from the substance or mixture**

In case of fire, the following can be released.  
Carbon oxides , Nitrogen oxides (NOx), Hydrogen chloride gas.

**Advice for firefighters**

Wear self-contained breathing apparatus for firefighting if necessary.

**Further information**

No data available

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**6. ACCIDENTAL RELEASE MEASURES**

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

Avoid dust formation. Avoid breathing vapours, mist or gas.

**Environmental precautions**

Do not let product enter drains.

**Methods and materials for containment and cleaning up**

Sweep up and shovel. Keep in suitable, closed containers for disposal.

**Reference to other sections**

For disposal see section 13.

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**7. HANDLING AND STORAGE**

**Precautions for safe handling**

Provide appropriate exhaust ventilation at places where dust is formed.  
For precautions see section 2.2.

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

Store in cool place.Keep container tightly closed in a dry and well-ventilated place.



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Storage class (TRGS 510): 13: Non Combustible Solids

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Control parameters

Components with workplace control parameters.

### Exposure controls

#### Appropriate engineering controls

General industrial hygiene practice.

#### Personal protective equipment

##### Eye/face protection

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

##### Skin & Body protection

Disposable nitrile are acceptable for light intermittent exposure.

##### Engineering Protection

No special requirements. Handle in an area with good general room ventilation.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

a)	Appearance	From : Crystal Color: white
b)	Odour	faint odor
c)	Odour Threshold	No data available
d)	pH	5.6-6.1
e)	Melting point/freezing point	276-279 deg C
f)	Initial boiling point and boiling range	No data available
g)	Flash point	No data available
h)	Evaporation rate	No data available
i)	Flammability (solid, gas)	No data available
j)	Upper/lower flammability or explosive limits	No data available
k)	Vapour pressure	No data available
l)	Vapour density	No data available



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m)	Relative density	1.340
n)	Water solubility	Soluble.
o)	Partition coefficient: n-octanol/water	No data available
p)	Autoignition temperature	No data available
q)	Decomposition temperature	279 deg C
r)	Viscosity	No data available
s)	Explosive properties	No data available
t)	Oxidizing properties	No data available

**Other safety information**

No data available

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**10. STABILITY AND REACTIVITY**

**Reactivity**

No data available

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of hazardous reactions**

No data available

**Conditions to avoid**

Incompatible materials, dust generation, excess heat.

**Incompatible materials**

Strong oxidizing agents

**Hazardous decomposition products**

Other decomposition products - No data available

Hazardous decomposition products formed under fire conditions. – Carbon oxides, Nitrogen oxides (NOx)

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**11. TOXICOLOGICAL INFORMATION**

**Information on toxicological effects**

**Acute toxicity**

No data available

**Skin corrosion/irritation**

No data available

**Serious eye damage/eye irritation**

No data available



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**Respiratory or skin sensitisation**

No data available

**Germ cell mutagenicity**

No data available

**Carcinogenicity**

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by ACGIH.

**Reproductive toxicity**

No data available

**Specific target organ toxicity - single exposure**

No data available

**Specific target organ toxicity - repeated exposure**

No data available

**Aspiration hazard**

No data available

**Potential health effects**

Inhalation	May be harmful if inhaled. May cause respiratory tract irritation.
Ingestion	May be harmful if swallowed
Eyes	May cause eye irritation..
Skin	May be harmful if absorbed through skin. May cause skin irritation.

**Additional Information**

RTECS: Not available

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**12. ECOLOGICAL INFORMATION**

**Toxicity**

No data available

**Persistence and degradability**

No data available

**Bioaccumulative potential**

No data available

**Mobility in soil**

No data available

**Results of PBT and vPvB assessment**

No data available

**Other adverse effects**

No data available

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**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

**Product**

