

Shanghai Aladdin Biochemical Technology Co., Ltd.  
No. 809, Chuhua Branch Road, Fengxian District, Shanghai

# SAFETY DATA SHEET

Version: v1  
Revision Date: 2024-01-25  
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## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifiers

Product name : 3-[(Trimethylsilyl)ethynyl]pyridine  
Product Number : T114547  
Brand : aladdin  
CAS-No. : 80673-00-3

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

Identified uses : Laboratory chemicals, Manufacture of substances.

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

Company : Shanghai Aladdin Biochemical Tech Co., Ltd  
Address : 36 Xinjinqiao Road, Shanghai  
Telephone : 400-620-6333  
Fax : no data available

### 1.4 Emergency telephone number


Emergency Phone : 0532-83889090

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

### 2.2 GHS Label elements, including precautionary statements

|                            |   |
|----------------------------|---|
| Pictogram                  |  |
| Signal word                | Warning   |
| Hazard statement(s)        |   |
| H315                       | Causes skin irritation  |
| H319                       | Causes serious eye irritation   |
| H335                       | May cause respiratory irritation  |
| Precautionary statement(s) |   |
| P261                       | Avoid breathing dust/fume/gas/mist/vapors/spray.                                    |
| P264                       | Wash hands [and ...] thoroughly after handling.                                     |
| P271                       | Use only outdoors or in a well-ventilated area.                                     |
| P280                       | Wear protective gloves/protective clothing/eye protection/face protection.          |
| P302+P352                  | IF ON SKIN: wash with plenty of water.  |

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|                |  |
|----------------|--|
| P304+P340      | IF INHALED: Remove person to fresh air and keep comfortable for breathing.   |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing. |
| P362+P364      | Take off contaminated clothing and wash it before reuse.   |
| P405           | Store locked up.   |
| P403+P233      | Store in a well-ventilated place. Keep container tightly closed.   |
| P501           | Dispose of contents/container to an approved waste disposal plant.   |

## 2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

|                  |   |
|------------------|---|
| Synonyms         | : (3-Pyridylethynyl)trimethylsilane;1-(3-Pyridyl)-2-trimethylsilylacetylene |
| Formula          | : C10H13NSi   |
| Molecular weight | : 175.3   |
| CAS No.          | : 80673-00-3  |
| EC-NO.           | : no data available   |

| Component                               | Classification    | Concentration |
|---|-------------------|---------------|
| 3-<br>[(Trimethylsilyl)ethynyl]pyridine | no data available | 97%           |

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person into fresh air. If not breathing give artificial respiration. Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Consult a physician.

In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

### 4.2 Most important symptoms and effects, both acute and delayed

no data available

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#### 4.3 Indication of any immediate medical attention and special treatment needed

no data available

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### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

Suitable extinguishing media

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

Unsuitable extinguishing media

no data available

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

Carbon oxides,nitrogen oxide,silica

#### 5.3 Advice for firefighters

If necessary, wear a self-contained breathing apparatus to put out the fire.

#### 5.4 Further information

no data available

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### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment.Avoid breathing vapors, mist or gas.Ensure adequate ventilation.<br/>

#### 6.2 Environmental precautions

Do not let product enter drains.

#### 6.3 Methods and materials for containment and cleaning up

Soak up with inert absorbent material and dispose of as hazardous waste.Keep in suitable, closed containers for  
<br/>disposal.<br/>

#### 6.4 Reference to other sections

For disposal see section 13.

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### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Avoid contact with skin and eyes.Avoid inhalation of vapour or mist.<br/>Normal measures for preventive fire protection.<br/><br/>Aldrich - 521264 Page 3 of 6 <br/>

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

Keep container tightly closed in a dry and well-ventilated place.Containers which are opened must be carefully resealed <br/>and kept upright to prevent leakage.<br/>

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### 7.3 Specific end use(s)

no data available

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

### 8.2 Exposure controls

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of  
<br/>workday.<br/>

Personal protective equipment

Eye/face protection

Safety glasses with side-shields conforming to EN166 <br/>

Skin protection

For prolonged or repeated contact use protective gloves.<br/>

Body Protection

Choose body protection according to the amount and concentration of the dangerous substance at the work  
place.<br/>

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-  
purpose <br/>combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering  
controls. If the <br/>respirator is the sole means of protection, use a full-face supplied air respirator. Use  
respirators and components <br/>tested and approved under appropriate government standards such as  
NIOSH (US) or CEN (EU).<br/>

Control of environmental exposure

no data available

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

|  |                   |
|--|-------------------|
| a) Appearance                                      | no data available |
| b) Odour   | no data available |
| c) Odour Threshold                                 | no data available |
| d) pH  | no data available |
| e) Melting point/freezing point                    | no data available |
| f) Initial boiling point and boiling range         | 229 °C            |
| g) Flash point                                     | 94 °C             |
| h) Evaporation rate                                | no data available |
| i) Flammability (solid, gas)                       | no data available |
| j) Upper/lower flammability or<br>explosive limits | no data available |
| k) Vapour pressure                                 | no data available |

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|   |                   |
|---|-------------------|
| l) Vapour density                         | no data available |
| m) Relative density                       | no data available |
| n) Water solubility                       | no data available |
| o) Partition coefficient: n-octanol/water | no data available |
| p) Auto-ignition temperature              | no data available |
| q) Decomposition temperature              | no data available |
| r) Viscosity                              | no data available |
| s) Explosive properties N                 | no data available |
| t) Oxidizing properties N                 | no data available |

## 9.2 Other safety information

no data available

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

no data available

### 10.2 Chemical stability

no data available

### 10.3 Possibility of hazardous reactions

no data available

### 10.4 Conditions to avoid

no data available

### 10.5 Incompatible materials

Strong oxidizing agents

### 10.6 Hazardous decomposition products

Hazardous decomposition products formed under fire conditions.- Carbon oxides, nitrogen oxides (NO<sub>x</sub>), silicon oxides

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## SECTION 11: Toxicological information

### 11.1 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 a carcinogen or potential carcinogen by ACGIH. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

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

Additional Information

no data available

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## SECTION 12: Ecological information

### 12.1 Toxicity

no data available

### 12.2 Persistence and degradability

no data available <br/>

### 12.3 Bioaccumulative potential

no data available <br/>

### 12.4 Mobility in soil

no data available

### 12.5 Results of PBT and vPvB assessment

no data available <br/><br/>

### 12.6 Other adverse effects

no data available

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## SECTION 13:

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### 13.1 Disposal considerations

Product

Observe all federal, state, and local environmental regulations.

Contaminated packaging

no data available

## SECTION 14: Transport information

DOT (US)

UN number: no data available

Packing group: -

Class: -

Proper shipping name: Not dangerous goods

Reportable Quantity(RQ): no data available

Poison Inhalation Hazard: No

Environmental Hazards: No

IMDG

UN number: no data available

Packing group: -

EMS-No: No

Proper shipping name: Not dangerous goods

IATA

UN number: no data available

Packing group: -

Class: -

Proper shipping name: Not dangerous goods

## SECTION 15: Regulatory information

no data available

## SECTION 16: Other information

Further information

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