

# SAFETY DATA SHEET

Version: v1  
Revision Date: 2023-11-06  
Print Date: 2023-11-16

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

### 1.1 Product identifiers

Product name : Nitidine chloride  
Product Number : N117977  
Brand : aladdin  
CAS-No. : 13063-04-2

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

Identified uses : 仅供科研用途，不作为药物、家庭备用药或其它用途。

### 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

Danger

Hazard statement(s)

H300 Fatal if swallowed

Precautionary statement(s)

P264 Wash hands [and ...] thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P330 Rinse mouth.  
P405 Store locked up.  
P501 Dispose of contents/container to an approved waste disposal plant.

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

Phone: 400-620-6333 Email: Sale@aladdin-e.com Web: <https://www.aladdin-e.com>

**SECTION 3: Composition/information on ingredients****3.1 Substances**

|                  |  |
|------------------|--|
| Synonyms         | : 2,3-Dimethoxy-12-methyl-(1,3)-benzodioxolo(5,6-c)phenanthridinium chloride |
| Formula          | : C21H18ClNO4  |
| Molecular weight | : 383.82   |
| CAS No.          | : 13063-04-2   |
| EC-NO.           | : no data available  |

| Component                | Classification    | Concentration              |
|--------------------------|-------------------|----------------------------|
| <b>Nitidine chloride</b> |                   |                            |
|                          | no data available | analytical standard , >98% |

**SECTION 4: First aid measures****4.1 Description of first aid measures****General advice**

no data available

**If inhaled**

no data available

**In case of skin contact**

用肥皂和大量的水冲洗。

**In case of eye contact**

用水冲洗眼睛作为预防措施。

**If swallowed**

用水雾,抗乙醇泡沫,干粉或二氧化碳灭火。

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

如必要的话,戴自给式呼吸器去救火。

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

no data available

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

碳氧化物,氮氧化物,氯化氢气体

**Unsuitable extinguishing media**

no data available

**5.2 Special hazards arising from the substance or mixture**Phone: 400-620-6333 Email: Sale@aladdin-e.com Web: <https://www.aladdin-e.com>

无数据资料

### **5.3 Advice for firefighters**

如必要的话,戴自给式呼吸器去救火。

### **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**

It is recommended that emergency responders wear air-carrying respirators, anti-static clothing, and rubber oil-resistant gloves. Do not touch or step over spillage. All equipment used during work should be grounded. Cut off sources of leaks as much as possible. Eliminate all ignition sources. The warning area is delineated according to the influence area of liquid flow, vapor or dust diffusion, and unrelated personnel are evacuated to the safe area from the crosswind and upwind directions.

### **6.2 Environmental precautions**

Do not allow the product to enter the sewer.

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

Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10). Take up dry. Dispose of properly. Clean up affected area. Avoid generation of dusts.

### **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**

No data available

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

Store in a cool place. Keep the container tightly closed and store in a dry and ventilated place. Suggested storage temperature: -20°C

### **7.3 Specific end use(s)**

no data available

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## **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 workday.

### Personal protective equipment

#### Eyel/face protection

no data available

#### Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of Regulation (EU)2016/425 and the standard EN 374 derived from it.

#### Body Protection

no data available

#### Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a fullface particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection,use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN(EU).

#### Control of environmental exposure

no data available

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## 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                 | 281-282C          |
| 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 |
| 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

强氧化剂

### 10.2 Chemical stability

在建议的贮存条件下是稳定的

### 10.3 Possibility of hazardous reactions

no data available

### 10.4 Conditions to avoid

吸入可能有害。可能引起呼吸道刺激。

### 10.5 Incompatible materials

如服入是有害的。

### 10.6 Hazardous decomposition products

无数据资料半数致死剂量(LD50) 腹膜内的- 小鼠- 98.98 mg/kg

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## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

no data available

#### Skin corrosion/irritation

无数据资料

#### Serious eye damage/eye irritation

通过皮肤吸收可能有害。可能引起皮肤刺激。

#### Respiratory or skin sensitisation

no data available

#### Germ cell mutagenicity

此产品中无大于或等于0.1%含量的组分被IARC鉴别为可能的或肯定的人类致癌物。

#### Carcinogenicity

无数据资料

#### Reproductive toxicity

化学物质毒性作用登记:DF4935500

**Specific target organ toxicity - single exposure**

no data available

**Specific target organ toxicity - repeated exposure**

可能引起眼睛刺激。

**Aspiration hazard**

无数据资料

**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

### 12.3 Bioaccumulative potential

No data available

### 12.4 Mobility in soil

no data available

### 12.5 Results of PBT and vPvB assessment

No data available

### 12.6 Other adverse effects

No data available

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## SECTION 13:

### 13.1 Disposal considerations

**Product**

no data available

**Contaminated packaging**

Dispose of as unused product.

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## 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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