

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

# SAFETY DATA SHEET

Version: v1  
Revision Date: 2023-11-25  
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## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifiers

Product name : Cyromazin solution  
Product Number : C110003  
Brand : aladdin  
CAS-No. : 66215-27-8

### 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

Warning

Hazard statement(s)

H315 Causes skin irritation  
H319 Causes serious eye irritation  
H332 Harmful if inhaled  
H335 May cause respiratory irritation

Precautionary statement(s)

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.  
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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## 2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

|                  |                                                 |
|------------------|-------------------------------------------------|
| Synonyms         | : N-Cyclopropyl                                 |
| Formula          | : C <sub>6</sub> H <sub>10</sub> N <sub>6</sub> |
| Molecular weight | : 166.18                                        |

| Component | Classification | Concentration |
|-----------|----------------|---------------|
|-----------|----------------|---------------|

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

General advice

请教医生。向到现场的医生出示此安全技术说明书。

If inhaled

将受害者移到新鲜空气处，保持呼吸通畅，休息。若感不适请求医就诊。

In case of skin contact

用肥皂和大量的水冲洗。请教医生。

In case of eye contact

用大量水彻底冲洗至少15分钟并请教医生。

If swallowed

用水雾，耐醇泡沫，干粉或二氧化碳灭火。

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

最重要的症状和健康影响据我们所知，此化学，物理和毒性性质尚未经完整的研究。

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

如有必要，佩戴自给式呼吸器进行消防作业。

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

Suitable extinguishing media

no data available

Unsuitable extinguishing media

碳氧化物,氮氧化物

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

使用个人防护装备。避免粉尘生成。避免吸入蒸气、气雾或气体。保证充分的通风。将人员疏散到安全区域。避免吸入粉尘。

#### 5.3 Advice for firefighters

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无数据资料

## 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

Do not generate dust during collection and disposal. Sweep and shovel away. Place in a suitable closed container for processing

### 6.2 Environmental precautions

no data available

### 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.

### 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

Eye/face protection

no data available

Skin protection

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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

## 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                                           | 7.5 at 20 °C (68 °F)               |
| e) Melting point/freezing point                 | 223 - 227 °C (433 - 441 °F) - lit. |
| f) Initial boiling point and boiling range      | no data available                  |
| g) Flash point                                  | 100 °C (212 °F) - closed cup       |
| 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       | 0.501                              |
| 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

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。引起呼吸道刺激。

### 10.5 Incompatible materials

吞咽可能有害。

### 10.6 Hazardous decomposition products

LD50 经口- 大鼠- 3,387 mg/kg LC50 吸入- 大鼠- 4 h - > 2,720 mg/m3 LD50 经皮- 大鼠- > 3,100 mg/kg 皮肤腐蚀

## 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。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:XZ1056500

Specific target organ toxicity - single exposure

no data available

Specific target organ toxicity - repeated exposure

造成严重眼刺激。

Aspiration hazard

对鱼类的LC50 - Oncorhynchus mykiss (虹鳟) - > 87.9 mg/l- 96 h对水蚤和其他水生无脊椎动物的EC50 - Daphnia

magna (水蚤) - > 97.8 mg/l- 48 h

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Additional Information  
no data available

## 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

Toxic to aquatic organisms and has long-lasting effects. Avoid release into the environment.

## SECTION 13:

### 13.1 Disposal considerations

Product  
no data available  
Contaminated packaging  
Dispose of as unused product.

## 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: - |
|------------------------------|------------------|----------|

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Proper shipping name: Not dangerous goods

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## SECTION 15: Regulatory information

no data available

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## SECTION 16: Other information

Further information

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