

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

# SAFETY DATA SHEET

Version: v1  
Revision Date: 2023-11-15  
Print Date: 2023-11-26

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

### 1.1 Product identifiers

Product name : Atrazine solution  
Product Number : A114429  
Brand : aladdin  
CAS-No. : 1912-24-9

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

Identified uses : It is only for scientific research purposes, not for medicine, family standby medicine or other purposes.

### 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 : no data available  
Signal word : no data available  
Hazard statement(s)  
Precautionary statement(s)

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

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

Synonyms : 2-Chloro-4-ethylamino-6-isopropylamino-1,3,5-triazine  
Formula : C<sub>8</sub>H<sub>14</sub>CIN<sub>5</sub>  
Molecular weight : 215.68

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Component	Classification	Concentration
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## 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

no data available

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

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## 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

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

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

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## 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.

### 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

Gloves must be checked before use. Please use proper methods to remove the gloves (do not touch the outer surface of the gloves), and avoid any skin parts contacting the product. After use, please handle the contaminated gloves carefully according to relevant laws and regulations and effective laboratory rules and procedures. Please clean and blow dry the protective gloves selected for your hands must meet the specifications given in regulation (EU) 2016 / 425 and the en 374 standard derived from it.

Body Protection

no data available

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a fullface respirator with multi-purpose combination (US) or type ABEK (EN 14387) 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

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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	no data available
e) Melting point/freezing point	175 &#176;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
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

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

强酸,强碱,强氧化剂

### 10.2 Chemical stability

Stable under recommended storage conditions

### 10.3 Possibility of hazardous reactions

no data available

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#### 10.4 Conditions to avoid

吸入可能有害。可能引起呼吸道刺激。

#### 10.5 Incompatible materials

误吞对人体有害。

#### 10.6 Hazardous decomposition products

半数致死剂量(LD50) 经口- 大鼠- 672 mg/kg 半数致死浓度 (LC50) 吸入- 大鼠- 4 h - 5,200 mg/m<sup>3</sup>半数致死剂量(LD50) 经皮- 兔子- 7,500 mg/kg

### 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

该产品不是或不包含被IARC,ACGIH,EPA,和NTP列为致癌物的组分3-第3组：未被分类为对人类致癌(2-Chloro-4-ethylamine-6-isopropylamine-1,3,5-triazine)

Carcinogenicity

实验室测试表明由诱变效应

Reproductive toxicity

化学物质毒性作用登记:XY5600000

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

对鱼类的死亡率无可观察效应浓度- 虹鳟(红鳟鱼) - 2 mg/l- 96.0 h对藻类的半数效应浓度 (EC50) - 近具刺链带藻(绿藻) - 0.043 mg/l- 72 h生长抑制LOEC - Pseudokirchneriella subcapitata - 0.15 mg/l- 60 h

Additional Information

no data available

### SECTION 12: Ecological information

#### 12.1 Toxicity

no data available

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## 12.2 Persistence and degradability

bioconcentration or bioaccumulation Tilapia sparrmanii - 4 Weeks-3,380 µg/l bioconcentration factor(BCF): 6.1

## 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.

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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: 3077

Packing group: III

Class: 9

Proper shipping name:

Reportable Quantity(RQ): no data

Poison Inhalation Hazard: yes

ENVIRONMENTALLY HAZARDOUS available

SUBSTANCE, SOLID, N.O.S. (2-Chloro-4-ethylamine-6-isopropylamine-1,3,5-triazine)

Environmental Hazards: yes

IMDG

UN number: 3077

Packing group: III

EMS-No: yes

Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (2-Chloro-4-ethylamine-6-isopropylamine-1,3,5-triazine)

IATA

UN number: 3077

Packing group: III

Class: 9

Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (2-Chloro-4-ethylamine-6-isopropylamine-1,3,5-triazine)

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## SECTION 15: Regulatory information

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no data available

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## SECTION 16: Other information

### Further information

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