

# SAFETY DATA SHEET

Version: v1  
Revision Date: 2023-07-24  
Print Date: 2023-07-27

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

### 1.1 Product identifiers

Product name :  $\alpha$ -Tetralone  
Product Number : T106838  
Brand : aladdin  
CAS-No. : 529-34-0

### 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)

H302

Harmful 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.
P301+P312	IF SWALLOWED: call a POISON CENTER/doctor/... IF you feel unwell.
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	: 1-Tetralone;3,4-Dihydro-1(2H)-naphthalenone;alpha-Tetralone
Formula	: C10H10O
Molecular weight	: 146.19
CAS No.	: 529-34-0
EC-NO.	: 208-460-6

Component	Classification	Concentration
<b>α-Tetralone</b>		
	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.Move out of dangerous area.

**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**

Flush eyes with water as a precaution.

**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**

主要症状和影响，急性和迟发效应据我们所知，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**

no data available

**SECTION 5: Firefighting measures**

Phone: +1 (833) 552-7181 Email: QualityAssurance@aladdinsci.com Website: <https://www.aladdinsci.com/>

## 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

Hazardous decomposition products formed under fire conditions.- Carbon oxides

## 5.3 Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

## 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

丢弃处理请参阅第13节。

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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/>

### 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/><br/>Aldrich - T19003 Page 3 of 6

### 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

##### Eyeface protection

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate  
<br/>government standards such as NIOSH (US) or EN 166(EU).<br/>

##### Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without  
touching <br/>glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves  
after use in <br/>accordance with applicable laws and good laboratory practices. Wash and dry hands.<br/>

##### Body Protection

Complete suit protecting against chemicals, The type of protective equipment must be selected according to  
the <br/>concentration and amount of the dangerous substance at the specific workplace.<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

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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	2-7 °C
f) Initial boiling point and boiling range	113-116 °C
g) Flash point	110 °C
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

Stable under recommended storage conditions.

### 10.2 Chemical stability

no data available

### 10.3 Possibility of hazardous reactions

no data available

### 10.4 Conditions to avoid

Strong oxidizing agents, Strong reducing agents

### 10.5 Incompatible materials

Hazardous decomposition products formed under fire conditions.- Carbon oxides <br/>Other decomposition products - no data available <br/>

### 10.6 Hazardous decomposition products

Oral LD50 <br/>LD50 Oral - rat - 888 mg/kg <br/>Inhalation LC50 <br/>no data available <br/>Dermal LD50 <br/>LD50 Dermal - rabbit - > 2,192 mg/kg <br/>Other information on acute toxicity <br/>no data available <br/>

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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 <br/>

#### Serious eye damage/eye irritation

no data available <br/>

**Respiratory or skin sensitisation**

no data available

**Germ cell mutagenicity**

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as <br/>probable, possible or confirmed human carcinogen by IARC.<br/>ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a <br/>carcinogen or potential carcinogen by ACGIH.<br/>NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a <br/>known or anticipated carcinogen by NTP.<br/>OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a <br/>carcinogen or potential carcinogen by OSHA.<br/>

**Carcinogenicity**

no data available <br/><br/>

**Reproductive toxicity**

no data available <br/>

**Specific target organ toxicity - single exposure**

no data available

**Specific target organ toxicity - repeated exposure**

no data available

**Aspiration hazard**

no data available <br/>

**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:

Phone: +1 (833) 552-7181 Email: [QualityAssurance@aladdinsci.com](mailto:QualityAssurance@aladdinsci.com) Website: <https://www.aladdinsci.com/>

13.1 Disposal considerations

Product

Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging

no data available

SECTION 14: Transport information

DOT (US)

UN number: no data available	Packing group: -	Class: -
Proper shipping name: 非危险货物	Reportable Quantity(RQ): no data available	Poison Inhalation Hazard: 否
Environmental Hazards: 否		

IMDG

UN number: no data available	Packing group: -	EMS-No: 否
Proper shipping name: 非危险货物		

IATA

UN number: no data available	Packing group: -	Class: -
Proper shipping name: 非危险货物		

SECTION 15: Regulatory information

no data available

SECTION 16: Other information

Further information

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