

# SAFETY DATA SHEET

Version: v1  
Revision Date: 2023-11-08

Print Date: 2023-11-17

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

### 1.1 Product identifiers

Product name : 7-Methyl-3,4-dihydronaphthalen-1(2H)-one  
Product Number : M192100  
Brand : aladdin  
CAS-No. : 22009-37-6

### 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)  
CFR 1910.1200: Not classifiable

### 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

### 3.1 Substances

Synonyms : 7-Methyl-1-tetralone; 7-Methyl-1,2,3,4-tetrahydronaphthalen-1-one  
Formula : C<sub>11</sub>H<sub>12</sub>O

Molecular weight : 160.21  
 CAS No. : 22009-37-6  
 EC-NO. : no data available

| Component                                | Classification    | Concentration |
|------------------------------------------|-------------------|---------------|
| 7-Methyl-3,4-dihydronaphthalen-1(2H)-one |                   |               |
|                                          | no data available | 98%           |

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General advice

no data available

#### If inhaled

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

#### In case of skin contact

Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation or rash occurs: Get medical advice/attention.

#### In case of eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

#### If swallowed

Get medical advice/attention if you feel unwell. Rinse mouth.

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

no data available

### 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

Dry chemical, foam, water spray, carbon dioxide.

#### Unsuitable extinguishing media

no data available

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

no data available

### **5.3 Advice for firefighters**

Wear self-contained breathing apparatus if possible.

### **5.4 Further information**

Use water spray to cool unopened containers.

---

## **SECTION 6: Accidental release measures**

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

Use personal protective equipment. Keep people away from and upwind of spill/leak. Entry to non-involved personnel should be controlled around the leakage area by roping off, etc.

### **6.2 Environmental precautions**

Prevent product from entering drains.

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

Clean up the dust and collect it in a closed container, taking care not to disperse it. Adhered or aggregated materials shall be disposed of in a timely manner in accordance with local laws and regulations.

### **6.4 Reference to other sections**

For disposal see section 13.

---

## **SECTION 7: Handling and storage**

### **7.1 Precautions for safe handling**

Handling is performed in a well ventilated place. Wear suitable protective equipment. Prevent dispersion of dust. Wash hands and face thoroughly after handling. Use a local exhaust if dust or aerosol will be generated. Avoid contact with skin, eyes and clothing. Conditions for safe storage, including any incompatibilities

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

Keep container tightly closed. Store in a refrigerator. Store under inert gas. Store away from incompatible materials such as oxidizing agents. Air-sensitive

### **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**

Follow safe industrial engineering/laboratory practices when handling any chemical. Install a closed system or local exhaust as possible so that workers should not be exposed directly. Also install safety shower and eye bath.

---

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

## **Personal protective equipment**

### **Eyel/face protection**

Safety glasses. A face-shield, if the situation requires.

### **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**

Protective gloves. Protective clothing. Protective boots, if the situation requires.

### **Respiratory protection**

Dust respirator. Follow local and national regulations.

### **Control of environmental exposure**

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

---

## **SECTION 9: Physical and chemical properties**

### **9.1 Information on basic physical and chemical properties**

|                                                 |                                                       |
|-------------------------------------------------|-------------------------------------------------------|
| a) Appearance                                   | form: Crystal - Lump Solid color: White - Pale yellow |
| b) Odour                                        | no data available                                     |
| c) Odour Threshold                              | no data available                                     |
| d) pH                                           | no data available                                     |
| e) Melting point/freezing point                 | 35°C (95°F)                                           |
| f) Initial boiling point and boiling range      | 144°C /2.0kPa (291°F)                                 |
| 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                             | Soluble:Methanol                                      |
| 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**

no data available

### **10.2 Chemical stability**

Stable under proper conditions.

### **10.3 Possibility of hazardous reactions**

no data available

### **10.4 Conditions to avoid**

no data available

### **10.5 Incompatible materials**

Oxidizing agents

### **10.6 Hazardous decomposition products**

Carbon monoxide, Carbon dioxide

---

## **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

#### **Respiratory or skin sensitisation**

no data available

#### **Germ cell mutagenicity**

no data available

#### **Carcinogenicity**

no data available

#### **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

**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

**SECTION 13:**

**13.1 Disposal considerations**

**Product**

Disposal of product: Recycle to process if possible. It is the generator's responsibility to comply with Federal, State and Local rules and regulations. You may be able to dissolve or mix material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber system. This section is intended to provide assistance but does not replace these laws, nor does compliance in accordance with this section ensure regulatory compliance according to the law. US EPA guidelines for Identification and Listing of Hazardous Waste are listed in 40 CFR Parts 261. The product should not be allowed to enter the environment, drains, water ways, or the soil. Other considerations: Observe all federal, state and local regulations when disposing of the substance.

**Contaminated packaging**

Disposal of container: Dispose of as unused product.

**SECTION 14: Transport information**

**DOT (US)**

UN number: no data available

Proper shipping name: no data available

Packing group: no data available

Reportable Quantity(RQ): no data available

Class: no data available

Poison Inhalation Hazard: no data available

Environmental Hazards: no data available

#### **IMDG**

UN number: no data available

Packing group: no data available

EMS-No: no data available

Proper shipping name: no data available

#### **IATA**

UN number: no data available

Packing group: no data available

Class: no data available

Proper shipping name: no data available

---

## **SECTION 15: Regulatory information**

### **Toxic Substance Control Act**

This product is ON the EPA Toxic Substances Control Act (TSCA) inventory. US Federal Regulations

### **US Federal Regulations**

SARA 313: Not Listed

SARA 302: Not Listed

### **State Regulations**

Massachusetts Not Listed

New Jersey Not Listed

Pennsylvania Not Listed

### **Other Information**

NFPA Rating: HMIS Classification: Health: 0 Health: 0 Flammability: 1 Flammability: 1 Instability: 0 Physical: 0

### **International Inventories**

Canada: DSL On DSL

EC-No: 244-717-9

---

## **SECTION 16: Other information**

---

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

### Further information

Copyright Aladdin Co. Ltd. License granted to make unlimited paper copies for internal use only. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Aladdin Co. Ltd. and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.

Version: v1

Revision Date: 2023-11-  
08

Print Date: 2023-11-  
17