

# SAFETY DATA SHEET

Version: v1

Revision Date: 2025-09-11

Print Date: 2025-09-12

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

### 1.1 Product identifiers

|                |                         |
|----------------|-------------------------|
| Product name   | : 3-Methyl-5-pyrazolone |
| Product Number | : M121614               |
| Brand          | : aladdin               |
| CAS-No.        | : 108-26-9              |

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

|                 |                                                    |
|-----------------|----------------------------------------------------|
| Identified uses | : Laboratory chemicals, Manufacture of substances. |
|-----------------|----------------------------------------------------|

### 1.3 Company

|           |                                                   |
|-----------|---------------------------------------------------|
| Company   | : ALADDIN SCIENTIFIC CORPORATION                  |
| Address   | : 14078 Meridian Parkway,<br>Riverside, CA. 92518 |
| Telephone | : +1 (833) 552-7181                               |
| Fax       | : no data available                               |

### 1.4 Emergency telephone number

|                            |                  |
|----------------------------|------------------|
| CHEMTREC®, Inside the USA  | : 1-800-424-9300 |
| CHEMTREC®, Outside the USA | :                |

## 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)

|      |                                                      |
|------|------------------------------------------------------|
| H400 | Very toxic to aquatic life                           |
| H410 | Very toxic to aquatic life with long lasting effects |

Precautionary statement(s)

|      |                                                                    |
|------|--------------------------------------------------------------------|
| P273 | Avoid release to the environment.                                  |
| P391 | Collect spillage.                                                  |
| P501 | Dispose of contents/container to an approved waste disposal plant. |

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

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

### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

|                  |                                                               |
|------------------|---------------------------------------------------------------|
| Synonyms         | : 3-Methyl-5-pyrazolone 2,4-Dihydro-5-methyl-3H-pyrazol-3-one |
| Formula          | : C <sub>4</sub> H <sub>6</sub> N <sub>2</sub> O              |
| Molecular weight | : 98.1                                                        |
| CAS No.          | : 108-26-9                                                    |
| EC-NO.           | : 203-565-3                                                   |

| Component                    | Classification    | Concentration |
|------------------------------|-------------------|---------------|
| <b>3-Methyl-5-pyrazolone</b> |                   |               |
|                              | no data available | ≥98%          |

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

**General advice**

no data available

**If inhaled**

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

**In case of skin contact**

Wash off with soap and plenty of water.

**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.

#### 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**

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**

no data available

**5.3 Advice for firefighters**

no data available

**5.4 Further information**

no data available

---

**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

no data available

**6.2 Environmental precautions**

no data available

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

Sweep up and shovel. Keep in suitable, closed containers for disposal. <br/>6.4 Reference to other sections <br/>For disposal see section 13. <br/>

**6.4 Reference to other sections**

no data available

---

**SECTION 7: Handling and storage****7.1 Precautions for safe handling**

no data available

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

no data available

**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

no data available

Personal protective equipment

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

**Eye/face protection**

no data available

**Skin protection**

no data available

**Body Protection**

no data available

**Respiratory protection**

no data available

**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                 | no data available |
| 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

no data available

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## 10.2 Chemical stability

no data available

## 10.3 Possibility of hazardous reactions

no data available

## 10.4 Conditions to avoid

no data available

## 10.5 Incompatible materials

no data available

## 10.6 Hazardous decomposition products

In the event of fire: see section 5

---

# 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

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

### 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

ALADDIN SCIENTIFIC CORPORATION  
 14078 Meridian Parkway, Riverside, CA. 92518

**Additional Information**  
 no data available

**SECTION 12: Ecological information**

- 12.1 Toxicity**  
no data available
- 12.2 Persistence and degradability**  
no data available <br/>12.4
- 12.3 Bioaccumulative potential**  
no data available <br/>12.5 Results of
- 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  
 no data available  
 Contaminated packaging  
 no data available

**SECTION 14: Transport information**

|                                           |                                            |                                             |
|-------------------------------------------|--------------------------------------------|---------------------------------------------|
| <b>DOT (US)</b>                           |                                            |                                             |
| UN number: no data available              | Packing group: -                           | Class: -                                    |
| Proper shipping name: Not dangerous goods | Reportable Quantity(RQ): no data available | Poison Inhalation Hazard: no data available |
| Environmental Hazards: No                 |                                            |                                             |
| <b>IMDG</b>                               |                                            |                                             |
| UN number: no data available              | Packing group: -                           | EMS-No: no data available                   |
| Proper shipping name: Not dangerous goods |                                            |                                             |
| <b>IATA</b>                               |                                            |                                             |
| UN number: no data available              | Packing group: -                           | Class: -                                    |

ALADDIN SCIENTIFIC CORPORATION  
14078 Meridian Parkway, Riverside, CA. 92518

Proper shipping name: Not dangerous goods

SECTION 15: Regulatory information

no data available

SECTION 16: Other information

|                  |                                                                                                |
|------------------|------------------------------------------------------------------------------------------------|
| Prepared By      | Regulatory Affairs<br>ALADDIN SCIENTIFIC CORPORATION<br>Email: QualityAssurance@aladdinsci.com |
| Creation Date    | 10-Sep-2020                                                                                    |
| Revision Date    | 11-Sep-2025                                                                                    |
| Print Date       | 12-Sep-2025                                                                                    |
| Revision Summary | SDS sections updated v1                                                                        |

Disclaimer  
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.