

# SAFETY DATA SHEET

Version: v1

Revision Date: 2025-09-22

Print Date: 2025-09-28

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

### 1.1 Product identifiers

|                |                                                                           |
|----------------|---------------------------------------------------------------------------|
| Product name   | : 2-Amio-6-methyl-4-propyl-4H-[1 , 2 , 4]triazolo[1 , 5-a]pyrimidin-5-one |
| Product Number | : A136526                                                                 |
| Brand          | : aladdin                                                                 |
| CAS-No.        | : 27277-00-5                                                              |

### 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,        |
| 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

Danger

Hazard statement(s)

H301 Toxic if swallowed

Precautionary statement(s)

|      |                                                     |
|------|-----------------------------------------------------|
| P264 | Wash hands [and ...] thoroughly after handling.     |
| P270 | Do not eat, drink or smoke when using this product. |
| P321 | Specific treatment (see ... on this label).         |
| P330 | Rinse mouth.                                        |

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|           |                                                                    |
|-----------|--------------------------------------------------------------------|
| P405      | Store locked up.                                                   |
| P501      | Dispose of contents/container to an approved waste disposal plant. |
| P301+P316 | IF SWALLOWED: Get emergency medical help immediately.              |

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

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

|                  |                                                                       |
|------------------|-----------------------------------------------------------------------|
| Synonyms         | : 2-Amino-6-methyl-4-propyl-[1,2,4]triazolo[1,5-a]pyrimidin-5(4H)-one |
| Formula          | : C <sub>9</sub> H <sub>13</sub> N <sub>5</sub> O                     |
| Molecular weight | : 207.23                                                              |
| CAS No.          | : 27277-00-5                                                          |
| EC-NO.           | : 248-383-5                                                           |

| Component                                                               | Classification    | Concentration |
|-------------------------------------------------------------------------|-------------------|---------------|
| 2-Amio-6-methyl-4-propyl-4H-[1 , 2 , 4]triazolo[1 , 5-a]pyrimidin-5-one | no data available | ≥99%          |

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

**General advice**

no data available

**If inhaled**

If inhaled, please move the patient to fresh air. If breathing stops, give artificial respiration.

**In case of skin contact**

Rinse with soap and plenty of water. Consult a doctor.

**In case of eye contact**

In case of eye contact, rinse thoroughly with plenty of water for at least 15 minutes and consult a doctor.

**If swallowed**

Do not feed anything from the mouth to an unconscious person. Rinse your 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

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**5.1 Extinguishing media****Suitable extinguishing media**Water, Foam, Carbon dioxide (CO<sub>2</sub>), Dry powder**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

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

Prevent the generation of dust. Prevent inhalation of vapors, aerosols, or gases. Evacuate personnel to a safe area.

**6.2 Environmental precautions**

Do not allow the product to enter the sewer.

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

Sweep and shovel away. Store in appropriate closed containers pending disposal.

**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**

Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Keep away from sources of ignition - No smoking. Keep away from heat and sources of ignition. For precautions see section 2.2.

**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**

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## 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

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN166(EU).

#### 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

Complete suit protecting against chemicals, Flame retardant antistatic protective clothing., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

#### 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 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                 | 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 |

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|                                           |                   |
|-------------------------------------------|-------------------|
| 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

no data available

### 10.2 Chemical stability

Stable under recommended storage conditions

### 10.3 Possibility of hazardous reactions

no data available

### 10.4 Conditions to avoid

no data available

### 10.5 Incompatible materials

strong oxidant

### 10.6 Hazardous decomposition products

no data available

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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

**Serious eye damage/eye irritation**

no data available

**Respiratory or skin sensitisation**

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May be harmful if inhaled. May cause respiratory irritation.

**Germ cell mutagenicity**

no data available

**Carcinogenicity**

There are no components in this product at levels greater than or equal to 0.1% that have been identified by IARC as possible or definite human carcinogens.

**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**

Inhalation may be harmful. May cause respiratory irritation.

**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

**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

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**SECTION 13:****13.1 Disposal considerations****Product**

Recycle to process, if possible. Consult your local regional authorities and an expert of disposal. You may be able to dissolve or mix material with a combustible solvent and little by little burn in a chemical incinerator equipped with an

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afterburner and scrubber system. If a large amount of the substance is burned at a time, an explosion may occur.  
 Observe all federal, state and local regulations when disposing of the substance.

**Contaminated packaging**

Dispose of as unused product.

**SECTION 14: Transport information**

**DOT (US)**

|                                           |                                            |                                             |
|-------------------------------------------|--------------------------------------------|---------------------------------------------|
| UN number: no data available              | Packing group: no data available           | Class: no data available                    |
| Proper shipping name: Not dangerous goods | Reportable Quantity(RQ): no data available | Poison Inhalation Hazard: no data available |
| Environmental Hazards: No                 |                                            |                                             |

**IMDG**

|                                           |                                  |                           |
|-------------------------------------------|----------------------------------|---------------------------|
| UN number: no data available              | Packing group: no data available | EMS-No: no data available |
| Proper shipping name: Not dangerous goods |                                  |                           |

**IATA**

|                                           |                                  |                          |
|-------------------------------------------|----------------------------------|--------------------------|
| UN number: no data available              | Packing group: no data available | Class: no data available |
| Proper shipping name: Not dangerous goods |                                  |                          |

**SECTION 15: Regulatory information**

no data available

**SECTION 16: Other information**

|                    |                                                                                                                                                     |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Prepared By</b> | Regulatory Affairs<br>ALADDIN SCIENTIFIC CORPORATION<br>Email: <a href="mailto:QualityAssurance@aladdinsci.com">QualityAssurance@aladdinsci.com</a> |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|

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|-------------------------|-------------------------|
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