

# SAFETY DATA SHEET

Version: v1

Revision Date: 2025-09-10

Print Date: 2025-09-11

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

### 1.1 Product identifiers

Product name : N-Acetylglycine ethyl ester  
Product Number : A109217  
Brand : aladdin  
CAS-No. : 1906-82-7

### 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

Warning

Hazard statement(s)

Precautionary statement(s)

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

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## SECTION 3: Composition/information on ingredients

### 3.1 Substances

|                  |                                                                                             |
|------------------|---------------------------------------------------------------------------------------------|
| Synonyms         | : Ethyl acetamidoacetate; Ethyl N-acetylglycinate; Ethyl 2-(acetylamino)acetate; Ac-Gly-OEt |
| Formula          | : C <sub>6</sub> H <sub>11</sub> NO <sub>3</sub>                                            |
| Molecular weight | : 145.16                                                                                    |
| CAS No.          | : 1906-82-7                                                                                 |
| EC-NO.           | : 217-608-9                                                                                 |

| Component                          | Classification    | Concentration |
|------------------------------------|-------------------|---------------|
| <b>N-Acetylglycine ethyl ester</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

The most important known symptoms and effects are described on the label (see Section 2.2) and/or Section 11

### 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

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Hazardous decomposition products formed under fire conditions.- Carbon oxides, nitrogen oxides (NOx)

### 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

Avoid dust formation.Avoid breathing vapors, mist or gas.<br/>

### 6.2 Environmental precautions

Do not let product enter drains.

### 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

For disposal see section 13.

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Provide appropriate exhaust ventilation at places where dust is formed.Normal measures for preventive fire protection.<br/>

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

Fill with argon and store at 2-8°C.

### 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

General industrial hygiene practice.<br/><br/><br/>Aldrich - E9404 Page 3 of 6

Personal protective equipment

#### Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH  
(US) or EN 166(EU).

#### Skin protection

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

#### Body Protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the  
specific work-place. The type of protective equipment must be selected according to the  
concentration and amount of the dangerous substance at the specific workplace.

#### Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95  
(US) or type P1 (EN 143) dust masks. 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                                   | form: Powder or Solid or Chunks color: White to Off-White |
| b) Odour                                        | no data available                                         |
| c) Odour Threshold                              | no data available                                         |
| d) pH                                           | no data available                                         |
| e) Melting point/freezing point                 | 260°C                                                     |
| f) Initial boiling point and boiling range      | 43-46°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                                         |

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## 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 oxidizing agents

### 10.6 Hazardous decomposition products

Hazardous decomposition products formed under fire conditions.- Carbon oxides, nitrogen oxides (NOx)

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## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

**Acute toxicity**

**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

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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

**Additional Information**

## 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

## SECTION 13:

### 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)

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

### SECTION 15: Regulatory information

### SECTION 16: Other information

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

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