

# SAFETY DATA SHEET

Version: v1

Revision Date: 2025-09-12

Print Date: 2025-09-18

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

### 1.1 Product identifiers

|                |                  |
|----------------|------------------|
| Product name   | : Ethyl stearate |
| Product Number | : E112697        |
| Brand          | : aladdin        |
| CAS-No.        | : 111-61-5       |

### 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,<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)

|      |                                  |
|------|----------------------------------|
| H315 | Causes skin irritation           |
| H319 | Causes serious eye irritation    |
| H335 | May cause respiratory irritation |

Precautionary statement(s)

|      |                                                  |
|------|--------------------------------------------------|
| P261 | Avoid breathing dust/fume/gas/mist/vapors/spray. |
| P264 | Wash hands [and ...] thoroughly after handling.  |

**ALADDIN SCIENTIFIC CORPORATION**

14078 Meridian Parkway, Riverside, CA. 92518

|                |                                                                                                                                  |
|----------------|----------------------------------------------------------------------------------------------------------------------------------|
| P271           | Use only outdoors or in a well-ventilated area.                                                                                  |
| P280           | Wear protective gloves/protective clothing/eye protection/face protection.                                                       |
| P321           | Specific treatment (see ... on this label).                                                                                      |
| P302+P352      | IF ON SKIN: wash with plenty of water.                                                                                           |
| P304+P340      | IF INHALED: Remove person to fresh air and keep comfortable for breathing.                                                       |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing. |
| P362+P364      | Take off contaminated clothing and wash it before reuse.                                                                         |
| P405           | Store locked up.                                                                                                                 |
| P403+P233      | Store in a well-ventilated place. Keep container tightly closed.                                                                 |
| P501           | Dispose of contents/container to an approved waste disposal plant.                                                               |
| P264+P265      | Wash hands [and ...] thoroughly after handling. Do not touch eyes.                                                               |
| P337+P317      | If eye irritation persists: Get medical help.                                                                                    |
| P332+P317      | If skin irritation occurs: Get medical help.                                                                                     |
| P319           | Get medical help if you feel unwell.                                                                                             |

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

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

|                  |                                                |
|------------------|------------------------------------------------|
| Synonyms         | : Ethyl octadecanoate Stearic acid ethyl ester |
| Formula          | : C20H40O2                                     |
| Molecular weight | : 312.53                                       |
| CAS No.          | : 111-61-5                                     |
| EC-NO.           | : 203-887-4                                    |

| Component             | Classification    | Concentration |
|-----------------------|-------------------|---------------|
| <b>Ethyl stearate</b> | no data available | CP, ≥65%(GC)  |

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

**General advice**

Show this material safety data sheet to the doctor in attendance.

**If inhaled**

Transfer to fresh air If breathing stops, perform artificial respiration If symptoms appear, seek medical treatment.

**In case of skin contact**

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

**In case of eye contact**

---

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Thoroughly rinse with plenty of water for at least 15 minutes and consult a doctor.

**If swallowed**

Rinse your mouth with water and then drink a large amount of water. If symptoms appear, seek medical treatment.

**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**

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**

If necessary, wear a self-contained breathing apparatus to put out the fire.

**5.4 Further information**

no data available

---

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

Do not generate dust during collection and disposal. Sweep and shovel away. Place in a suitable closed container for processing.

**6.2 Environmental precautions**

Do not allow the product to enter the sewer.

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

Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10). Take up dry. Dispose of properly. Clean up affected area. Avoid generation of dusts.

**6.4 Reference to other sections**

For disposal see section 13.

---

**SECTION 7: Handling and storage**

---

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

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## 7.1 Precautions for safe handling

No data available

## 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

# 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 workday.

### Personal protective equipment

#### Eye/face protection

no data available

#### 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. The selected protective gloves have to satisfy the specifications of Regulation (EU)2016/425 and the standard EN 374 derived from it.

#### Body Protection

no data available

#### Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a fullface particle respirator type N100 (US) or type P3 (EN 143) 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                   | form: solid color: White        |
| b) Odour                        | no data available               |
| c) Odour Threshold              | no data available               |
| d) pH                           | no data available               |
| e) Melting point/freezing point | 34 - 38 °C (93 - 100 °F) - lit. |

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

|                                                 |                                                        |
|-------------------------------------------------|--------------------------------------------------------|
| f) Initial boiling point and boiling range      | 213 - 215 °C (415 - 419 °F) at 20 hPa (15 mmHg) - lit. |
| g) Flash point                                  | 113 °C (235 °F) - closed cup                           |
| 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

### 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

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

---

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

**Acute toxicity**

no data available

**Skin corrosion/irritation**

May be harmful if absorbed through skin. Causes skin irritation.

**Serious eye damage/eye irritation**

Causes severe eye irritation.

**Respiratory or skin sensitisation**

no data available

**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**

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

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

SECTION 13:

13.1 Disposal considerations

**Product**  
 no data available  
**Contaminated packaging**  
 Dispose of as unused product.

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 |
| 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

no data available

SECTION 16: Other information

|                         |                                                                                                |
|-------------------------|------------------------------------------------------------------------------------------------|
| <b>Prepared By</b>      | Regulatory Affairs<br>ALADDIN SCIENTIFIC CORPORATION<br>Email: QualityAssurance@aladdinsci.com |
| <b>Creation Date</b>    | 10-Sep-2020                                                                                    |
| <b>Revision Date</b>    | 12-Sep-2025                                                                                    |
| <b>Print Date</b>       | 18-Sep-2025                                                                                    |
| <b>Revision Summary</b> | 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.