

# SAFETY DATA SHEET

Version: v1

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

### 1.1 Product identifiers

Product name : Octadecylamine  
Product Number : O108436  
Brand : aladdin  
CAS-No. : 124-30-1

### 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)

|      |                                                                |
|------|----------------------------------------------------------------|
| H304 | May be fatal if swallowed and enters airways                   |
| H315 | Causes skin irritation                                         |
| H318 | Causes serious eye damage                                      |
| H373 | Causes damage to organs through prolonged or repeated exposure |
| H400 | Very toxic to aquatic life                                     |
| H410 | Very toxic to aquatic life with long lasting effects           |

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**Precautionary statement(s)**

|                |                                                                                                                                  |
|----------------|----------------------------------------------------------------------------------------------------------------------------------|
| P260           | Do not breathe dust/fume/gas/mist/vapors/spray.                                                                                  |
| P264           | Wash hands [and ...] thoroughly after handling.                                                                                  |
| P273           | Avoid release to the environment.                                                                                                |
| P280           | Wear protective gloves/protective clothing/eye protection/face protection.                                                       |
| P321           | Specific treatment (see ... on this label).                                                                                      |
| P331           | Do NOT induce vomiting.                                                                                                          |
| P391           | Collect spillage.                                                                                                                |
| P302+P352      | IF ON SKIN: wash with plenty of water.                                                                                           |
| P362+P364      | Take off contaminated clothing and wash it before reuse.                                                                         |
| P405           | Store locked up.                                                                                                                 |
| P501           | Dispose of contents/container to an approved waste disposal plant.                                                               |
| P264+P265      | Wash hands [and ...] thoroughly after handling. Do not touch eyes.                                                               |
| P301+P316      | IF SWALLOWED: Get emergency medical help immediately.                                                                            |
| P305+P354+P338 | IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. |
| P317           | Get emergency 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         | : 1-Aminooctadecane Stearylamine |
| Formula          | : C18H39N                        |
| Molecular weight | : 269.51                         |
| CAS No.          | : 124-30-1                       |
| EC-NO.           | : MFCD00008159                   |

| Component      | Classification    | Concentration |
|----------------|-------------------|---------------|
| Octadecylamine | no data available | ≥97%(GC)      |

**SECTION 4: First aid measures****4.1 Description of first aid measures****General advice**

no data available

**If inhaled**

no data available

**In case of skin contact**

no data available

**In case of eye contact**

no data available

**If swallowed**

no data available

## **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

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## **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**

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**

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

### **6.2 Environmental precautions**

no data available

### **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**

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For disposal see section 13.

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## SECTION 7: Handling and storage

### 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. Sensitive to carbon dioxide. Inflation handling and storage Sensitive to air.

### 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

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

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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

a) Appearance

form: solid color: White

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|                                                 |                                            |
|-------------------------------------------------|--------------------------------------------|
| b) Odour                                        | no data available                          |
| c) Odour Threshold                              | no data available                          |
| d) pH                                           | no data available                          |
| e) Melting point/freezing point                 | 50 - 52 °C (122 - 126 °F) - lit.           |
| f) Initial boiling point and boiling range      | 232 °C (450 °F) at 43 hPa (32 mmHg) - lit. |
| g) Flash point                                  | 148 °C (298 °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

no data available

### 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**

Eyes - Domestic Rabbits - Can cause serious damage to the eyes.-24h-OECD测试导则405

**Respiratory or skin sensitisation**

no data available

**Germ cell mutagenicity**

In vitro genotoxicity - Ames test - Salmonellatypimum - with or without metabolic activation - negative

**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

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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

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### 12.6 Other adverse effects

Toxic to aquatic organisms and has long-lasting effects. Avoid release into the environment.

## 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 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: 3077                                                                           | Packing group: III                         | Class: 9                      |
| Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Octadecylamine) | Reportable Quantity(RQ): no data available | Poison Inhalation Hazard: yes |
| Environmental Hazards: yes                                                                |                                            |                               |

**IMDG**

|                                                                                           |                    |             |
|-------------------------------------------------------------------------------------------|--------------------|-------------|
| UN number: 3077                                                                           | Packing group: III | EMS-No: yes |
| Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Octadecylamine) |                    |             |

**IATA**

|                                                                                           |                    |          |
|-------------------------------------------------------------------------------------------|--------------------|----------|
| UN number: 3077                                                                           | Packing group: III | Class: 9 |
| Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Octadecylamine) |                    |          |

## 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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| <b>Revision Date</b>    | 22-Sep-2025                                                                                                                                         |
| <b>Print Date</b>       | 28-Sep-2025                                                                                                                                         |
| <b>Revision Summary</b> | SDS sections updated v1                                                                                                                             |

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