

Version: v1  
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## SAFETY DATA SHEET

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

#### 1.1 Product identifiers

Product name : cis-3'-Hydroxy Cotinine  
Product Number : C337170  
Brand : aladdin  
CAS-No. : 37096-14-3

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

Identified uses : For research use only. Not intended for diagnostic or therapeutic use.

#### 1.3 Details of the supplier of the safety data sheet

Company : Shanghai Aladdin Biochemical Tech Co., Ltd  
Address : 36 Xinjinqiao Road, Shanghai  
Telephone : 400-620-6333  
Fax : no data available

#### 1.4 Emergency telephone number

Emergency Phone : 0532-83889090

### 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** no data available  
**Signal word** no data available  
**Hazard statement(s)**  
**Precautionary statement(s)**  
P264 Wash hands [and ...] thoroughly after handling.  
P308+P313 IF exposed or concerned: Get medical advice/attention.

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

### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

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|                  |                     |
|------------------|---------------------|
| Synonyms         | : no data available |
| Formula          | : C10H12N2O2        |
| Molecular weight | : 192.2             |
| CAS No.          | : 37096-14-3        |
| EC-NO.           | : no data available |

| Component                      | Classification    | Concentration     |
|--------------------------------|-------------------|-------------------|
| <b>cis-3'-Hydroxy Cotinine</b> |                   |                   |
|                                | no data available | no data available |

#### SECTION 4: First aid measures

##### 4.1 Description of first aid measures

###### General advice

Consult a physician if necessary. Remove to fresh air.

###### If inhaled

Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration.

###### In case of skin contact

Wash skin with soap and water

###### In case of eye contact

Wash with plenty of water.

###### If swallowed

Never feed anything to an unconscious person. Rinse your mouth and drink more water.

##### 4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in 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 extinguishing measures that are appropriate to local circumstances and the surrounding environment.

###### Unsuitable extinguishing media

no data available

##### 5.2 Special hazards arising from the substance or mixture

no data available

##### 5.3 Advice for firefighters

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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**

Ensure adequate ventilation, especially in confined areas.

**6.2 Environmental precautions**

Prevent further leakage or spillage if safe to do so. Do not allow into any sewer, on the ground or into any body of water. Prevent product from entering drains. Local authorities should be advised if significant spillages cannot be contained. See Section 12 for additional Ecological Information. Should not be released into the environment.

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

For safety requirements, prevent further leakage or spillage. Thoroughly clean contaminated surfaces. Use personal protective equipment as needed. Cover powder spillage with plastic cloth or waterproof cloth to minimize powder diffusion and keep powder dry. Collect mechanically and place in a suitable container for disposal. Avoid dust generation.

**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**

Handle in accordance with good industrial hygiene and safety practice.

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

Keep containers tightly closed in a dry, cool and well-ventilated place.

**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**

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**Eyeface 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**

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**

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 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**

If safety requires, prevent further leakage or spillage. Do not let the product enter the sewer.

**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**

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**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**

Extremes of temperature and direct sunlight.

**10.5 Incompatible materials**

Strong oxidizing agents.

**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**

no data available

**Germ cell mutagenicity**

no data available

**Carcinogenicity**

no data available

**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**

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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
- 12.6

Other adverse effects

no data available

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**SECTION 13:**

- 13.1

Disposal considerations

**Product**  
no data available

**Contaminated packaging**  
Dispose of as unused product.

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**SECTION 14: Transport information**

**DOT (US)**  
UN number: no data available  
Proper shipping name: no data available  
Environmental Hazards: no data available

Packing group: no data available  
Reportable Quantity(RQ): no data available

Class: no data available  
Poison Inhalation Hazard: no data

**IMDG**  
UN number: no data available  
Proper shipping name: no data available

Packing group: no data available

EMS-No: no data available

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**IATA**

UN number: no data available

Packing group: no data available

Class: no data available

Proper shipping name: no data available

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**SECTION 15: Regulatory information**

Please note that waste disposal should also meet local regulations. If applicable, the chemical meets the requirements of the Regulations on the Safety Management of Hazardous Chemicals (adopted by the State Council on December 4, 2013).

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**SECTION 16: Other information****Further information**

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