

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 : Amyl acetate  
Product Number : A103450  
Brand : aladdin  
CAS-No. : 628-63-7

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

Identified uses : It is only for scientific research purposes, not for medicine, family standby medicine or other purposes.

#### 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**



**Signal word**

Warning

**Hazard statement(s)**

H226

Flammable liquid and vapor

H402

Harmful to aquatic life

**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 : Acetic Acid Amyl Ester; Pentyl Acetate; n-Amyl acetate; Acetic acid n-pentyl ester;  
n-Pentyl acetate  
Formula : C7H14O2  
Molecular weight : 130.18  
CAS No. : 628-63-7  
EC-NO. : 211-047-3

| Component    | Classification | Concentration |
|--------------|----------------|---------------|
| Amyl acetate |                |               |

no data available

standard for  
GC, ≥99.5%(GC)

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

##### General advice

请教医生。向到现场的医生出示此安全技术说明书。

##### If inhaled

no data available

##### In case of skin contact

用肥皂和大量的水冲洗。请教医生。

##### In case of eye contact

谨慎起见用水冲洗眼睛。

##### If swallowed

用水雾，耐醇泡沫，干粉或二氧化碳灭火。

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

主要症状和影响，急性和迟发效应据我们所知，此化学，物理和毒性性质尚未经完整的研究。

#### 4.3 Indication of any immediate medical attention and special treatment needed

如有必要，佩戴自给式呼吸器进行消防作业。

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

##### Suitable extinguishing media

no data available

##### Unsuitable extinguishing media

碳氧化物

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

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避免吸入蒸气、气雾或气体。保证充分的通风。消除所有火源。注意蒸气积累达到可爆炸的浓度，蒸气可蓄积在地面低洼处。

**5.3 Advice for firefighters**

喷水冷却未打开的容器。

**5.4 Further information**

用水喷雾冷却未打开的容器。

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**SECTION 6: Accidental release measures**

**6.1 Personal precautions, protective equipment and emergency procedures**

围堵溢出，用防静电真空清洁器或湿刷子将溢出物收集起来，并放置到容器中去,根据当地规定处理(见第13部分)。

**6.2 Environmental precautions**

no data available

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

避免吸入蒸气或雾滴。切勿靠近火源。– 严禁烟火。采取措施防止静电积聚。

**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**

无数据资料

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

贮存在阴凉处。使容器保持密闭，储存在干燥通风处。打开了的容器必须仔细重新封口并保持竖放位置以防止泄漏。

**7.3 Specific end use(s)**

按照良好的工业卫生和安全规范进行操作。休息前及工作结束时洗手。

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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.

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**Personal protective equipment****Eyeface protection**

no data available

**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**

no data available

**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                                   | form: 透明的液体 color: 无色的                   |
| b) Odour  | no data available                        |
| c) Odour Threshold                              | no data available                        |
| d) pH   | no data available                        |
| e) Melting point/freezing point                 | -100 °C (-148 °F) - lit.                 |
| f) Initial boiling point and boiling range      | 142 - 149 °C (288 - 300 °F) - lit.       |
| g) Flash point                                  | 39 °C (102 °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                              | 5 hPa (4 mmHg) at 20 °C (68 °F)          |
| l) Vapour density                               | no data available                        |
| m) Relative density                             | 0.876 g/cm <sup>3</sup> at 25 °C (77 °F) |
| n) Water solubility                             | no data available                        |
| o) Partition coefficient: n-octanol/water       | 4.49 - (Air = 1.0)                       |
| 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**

强氧化剂,强碱

**10.2 Chemical stability**

Stable under recommended storage conditions

**10.3 Possibility of hazardous reactions**

热,火焰和火花。

**10.4 Conditions to avoid**

吸入可能有害。可能引起呼吸道刺激。

**10.5 Incompatible materials**

吞咽可能有害。

**10.6 Hazardous decomposition products**

LD50 经口- 家兔- 7,400 mg/kg 皮肤腐蚀

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**SECTION 11: Toxicological information**

**11.1 Information on toxicological effects**

**Acute toxicity**

no data available

**Skin corrosion/irritation**

无数据资料

**Serious eye damage/eye irritation**

通过皮肤吸收可能有害。可能引起皮肤刺激。

**Respiratory or skin sensitisation**

no data available

**Germ cell mutagenicity**

此产品中沒有大于或等于0.1%含量的组分被IARC鉴别为可能的或肯定的人类致癌物。

**Carcinogenicity**

无数据资料

**Reproductive toxicity**

化学物质毒性作用登记:AJ1925000

**Specific target organ toxicity - single exposure**

no data available

**Specific target organ toxicity - repeated exposure**

可能引起眼睛刺激。

**Aspiration hazard**

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对鱼类的LC50 - Gambusia affinis (食蚊鱼) - 65 mg/l- 96 h

**Additional Information**

no data available

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**SECTION 12: Ecological information**

**12.1 Toxicity**

no data available

**12.2 Persistence and degradability**

无数据资料

**12.3 Bioaccumulative potential**

无数据资料

**12.4 Mobility in soil**

no data available

**12.5 Results of PBT and vPvB assessment**

对水生生物有害并具有长期持续影响。无数据资料

**12.6 Other adverse effects**

no data available

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**SECTION 13:**

**13.1 Disposal considerations**

**Product**

在装备有加力燃烧室和洗刷设备的化学焚烧炉内燃烧处理,特别在点燃的时候要注意,因为此物质是高度易燃性物质 将剩余的  
和不可回收的溶液交给有许可证的公司处理。

**Contaminated packaging**

Dispose of as unused product.

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**SECTION 14: Transport information**

**DOT (US)**

UN number: 1104

Packing group: III

Class: 3

Proper shipping name: AMYL ACETATES Reportable Quantity(RQ): no data available Poison Inhalation Hazard: 否

Environmental Hazards: 否

**IMDG**

UN number: 1104

Packing group: III

EMS-No: 否

Proper shipping name: AMYL ACETATES

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**IATA**

UN number: 1104

Packing group: III

Class: 3

Proper shipping name: AMYL ACETATES

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**SECTION 15: Regulatory information**

no data available

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**SECTION 16: Other information**

**Further information**

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