

Shanghai Aladdin Biochemical Technology Co., Ltd.  
No. 809, Chuhua Branch Road, Fengxian District, Shanghai

# SAFETY DATA SHEET

Version: v1  
Revision Date: 2023-11-24  
Print Date: 2023-12-03

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

### 1.1 Product identifiers

Product name : Osthole  
Product Number : O101698  
Brand : aladdin  
CAS-No. : 484-12-8

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

Identified uses : 仅供科研用途，不作为药物、家庭备用药或其它用途。

### 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)

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

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Synonyms : 7-Methoxy-8-(3-methyl-2-butenyl)-2H-1-benzopyran-2-one  
Formula : C15H16O3  
Molecular weight : 244.29  
CAS No. : 484-12-8

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EC-NO. : 610-421-7

| Component | Classification    | Concentration                |
|-----------|-------------------|------------------------------|
| Osthole   | no data available | analytical standard , ≥99.5% |

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

General advice

请教医生。出示此安全技术说明书给到现场的医生看。

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

用水冲洗眼睛作为预防措施。

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

no data available

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media

用水雾,耐醇泡沫,干粉或二氧化碳灭火。

Unsuitable extinguishing media

no data available

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

使用个人防护设备。防止粉尘的生成。防止吸入蒸汽、气雾或气体。避免吸入粉尘。

### 5.3 Advice for firefighters

无数据资料

### 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

Collect and handle leaks without generating dust. Sweep and shovel away. Store in a suitable closed container for disposal.

### 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.

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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.

### 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.

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#### 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

no data available

## 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                 | 83-84°C           |
| f) Initial boiling point and boiling range      | 145~150°C         |
| 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

### 10.1 Reactivity

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无数据资料

## 10.2 Chemical stability

在建议的贮存条件下是稳定的

## 10.3 Possibility of hazardous reactions

no data available

## 10.4 Conditions to avoid

吸入可能有害。可能引起呼吸道刺激。

## 10.5 Incompatible materials

如服入是有害的。

## 10.6 Hazardous decomposition products

半数致死剂量(LD50) 经口- 大鼠- 2,905 mg/kg 备注: 行为的: 抽搐或对癫痫阈值的影响。行为的: 肌肉收缩或痉挛  
肺, 胸, 或者呼吸系统: 呼吸困难半数致死剂量(LD50) 腹膜内的- 大鼠- 600 mg/kg 半数致死剂量(LD50) 腹膜内的- 老鼠- 190 mg/kg 半数致死剂量(LD50) 皮下的- 老鼠- 16 mg/kg

# 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

如果通过皮肤吸收可能是有害的。可能引起皮肤刺激。

Respiratory or skin sensitisation

no data available

Germ cell mutagenicity

此产品中无大于或等于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:GN7700000

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

无数据资料

Additional Information

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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

## SECTION 13:

### 13.1 Disposal considerations

Product

no data available

Contaminated packaging

Dispose of as unused product.

## SECTION 14: Transport information

DOT (US)

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

IMDG

UN number: no data available

Packing group: -

EMS-No: No

Proper shipping name: Not dangerous goods

IATA

UN number: no data available

Packing group: -

Class: -

Proper shipping name: Not dangerous goods

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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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