

# SAFETY DATA SHEET

Version: v1

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Print Date: 2023-11-25

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

### 1.1 Product identifiers

Product name : AR-A014418  
Product Number : A126821  
Brand : aladdin  
CAS-No. : 487021-52-3

### 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 Company

### 1.5 Emergency telephone number

Emergency Phone : 0532-83889090  
CHEMTREC®, Inside the USA :  
CHEMTREC®, Inside 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 : 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

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

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|                  |  |
|------------------|--|
| Synonyms         | : AR-AO 14418;AR 0133418;AR 014418;GSK 3 $\beta$ inhibitor ; N-(4-Methoxybenzyl)-N'-(5-nitro-1,3-thiazol-2-yl)urea |
| Formula          | : C <sub>12</sub> H <sub>12</sub> N <sub>4</sub> O <sub>4</sub> S  |
| Molecular weight | : 308.31   |
| CAS No.          | : 487021-52-3  |
| EC-NO.           | : no data available  |

| Component  | Classification    | Concentration |
|------------|-------------------|---------------|
| AR-A014418 | no data available | ≥98%          |

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Consult a physician.

In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

### 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

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media

no data available

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

Hazardous decomposition products formed under fire conditions.- Carbon oxides, nitrogen oxides (NO<sub>x</sub>), Sulphur oxides

### 5.3 Advice for firefighters

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Wear self contained breathing apparatus for fire fighting if necessary.

## 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

Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate  
<br/>ventilation. Evacuate personnel to safe areas. Avoid breathing dust. <br/>

### 6.2 Environmental precautions

Do not let product enter drains.

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

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for  
<br/>disposal. <br/>

### 6.4 Reference to other sections

no data available

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. <br/>Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection. <br/><br/>Sigma - A3230 Page 3 of 6  
<br/>

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

Keep container tightly closed in a dry and well-ventilated place. <br/>Recommended storage temperature: 2 - 8 °C  
<br/>

### 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  
<br/>workday. <br/>

Personal protective equipment

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**Eye/face protection**

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate  
<br/>government standards such as NIOSH (US) or EN 166(EU).<br/>

**Skin protection**

Handle with gloves.Gloves must be inspected prior to use.Use proper glove removal technique (without  
touching <br/>glove's outer surface) to avoid skin contact with this product.Dispose of contaminated gloves  
after use in <br/>accordance with applicable laws and good laboratory practices.Wash and dry hands.<br/>

**Body Protection**

Complete suit protecting against chemicals, The type of protective equipment must be selected according to  
the <br/>concentration and amount of the dangerous substance at the specific workplace.<br/>

**Respiratory protection**

Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type  
N100 <br/>(US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls.If the respirator  
is the sole <br/>means of protection, use a full-face supplied air respirator.Use respirators and components  
tested and approved <br/>under appropriate government standards such as NIOSH (US) or CEN (EU).<br/>

**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                    | 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<br>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 |

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## 9.2 Other safety information

no data available

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Stable under recommended storage conditions.

### 10.2 Chemical stability

no data available

### 10.3 Possibility of hazardous reactions

no data available

### 10.4 Conditions to avoid

Oxidizing agents

### 10.5 Incompatible materials

Hazardous decomposition products formed under fire conditions.- Carbon oxides, nitrogen oxides (NOx), Sulphur oxides <br/>Other decomposition products - no data available <br/>

### 10.6 Hazardous decomposition products

Oral LD50 <br/>no data available <br/>Inhalation LC50 <br/>Dermal LD50 <br/>no data available <br/>Other information on acute toxicity <br/>no data available <br/>

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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 <br/>

Serious eye damage/eye irritation

no data available <br/>

Respiratory or skin sensitisation

no data available

Germ cell mutagenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as <br/>probable, possible or confirmed human carcinogen by IARC.<br/>ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a <br/>carcinogen or potential carcinogen by ACGIH.<br/>NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a <br/>known or anticipated carcinogen by NTP.<br/>OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a <br/>carcinogen or potential carcinogen by OSHA.<br/>

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Carcinogenicity

no data available <br/><br/>

Reproductive toxicity

Inhalation - May cause respiratory irritation.<br/>

Specific target organ toxicity - single exposure

no data available <br/>

Specific target organ toxicity - repeated exposure

no data available

Aspiration hazard

no data available <br/>

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 <br/>

### 12.3 Bioaccumulative potential

no data available <br/>

### 12.4 Mobility in soil

no data available

### 12.5 Results of PBT and vPvB assessment

no data available <br/><br/>

### 12.6 Other adverse effects

no data available

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## SECTION 13:

### 13.1 Disposal considerations

Product

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

Contaminated packaging

no data available

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## SECTION 14: Transport information

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

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**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 data available

Environmental Hazards: No

**IMDG**

UN number: no data available

Packing group: -

EMS-No: no data available

Proper shipping name: Not dangerous goods

**IATA**

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**
**Prepared By**

Regulatory Affairs

Email: [QualityAssurance@aladdinsci.com](mailto:QualityAssurance@aladdinsci.com)
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**Revision Summary**

SDS sections updated v1

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