

# SAFETY DATA SHEET

Version: v1

Revision Date: 2025-09-13

Print Date: 2025-09-20

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

### 1.1 Product identifiers

Product name : 3-Bromo-5-nitropyridine  
Product Number : B124760  
Brand : aladdin  
CAS-No. : 15862-30-3

### 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)

H301 Toxic if swallowed  
H318 Causes serious eye damage

Precautionary statement(s)

P264 Wash hands [and ...] thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.

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|                |                                                                                                                                  |
|----------------|----------------------------------------------------------------------------------------------------------------------------------|
| P321           | Specific treatment (see ... on this label).                                                                                      |
| P330           | Rinse mouth.                                                                                                                     |
| 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.                                                                                                      |

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

### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

|                  |                     |
|------------------|---------------------|
| Synonyms         | : no data available |
| Formula          | : C5H3BrN2O2        |
| Molecular weight | : 203               |
| CAS No.          | : 15862-30-3        |
| EC-NO.           | : no data available |

| Component                      | Classification    | Concentration |
|--------------------------------|-------------------|---------------|
| <b>3-Bromo-5-nitropyridine</b> |                   |               |
|                                | no data available | ≥97%          |

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

**General advice**

no data available

**If inhaled**

Supply fresh air.If required, provide artificial respiration.Keep patient warm.Consult doctor if symptoms persist.Seek immediate medical advice.

**In case of skin contact**

Instantly wash with water and soap and rinse thoroughly.Seek immediate medical advice.

**In case of eye contact**

Rinse opened eye for several minutes under running water.Then consult doctor.

**If swallowed**

Seek medical treatment.

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

no data available

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**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**CO<sub>2</sub>, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.**Unsuitable extinguishing media**

no data available

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

If this product is involved in a fire, the following can be released: Carbon monoxide and carbon dioxide Nitrogen oxides (NO<sub>x</sub>) Hydrogen bromide (HBr) Possibly Hydrogen cyanide (HCN)

**5.3 Advice for firefighters**

Wear self-contained breathing apparatus.

**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**

Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation

**6.2 Environmental precautions**

Do not allow material to be released to the environment without proper governmental permits. Do not allow product to reach sewage system or water bodies. Do not allow to enter the ground/soil.

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

Dispose of contaminated material as waste according to item 13. Ensure adequate ventilation.

**6.4 Reference to other sections**

See Section 7 for information on safe handling See section 8 for information on personal protection equipment. See Section 13 for information on disposal.

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**SECTION 7: Handling and storage****7.1 Precautions for safe handling**

Keep containers tightly sealed. Store in cool, dry place in tightly closed containers. Ensure good ventilation/exhaustion at the workplace.

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

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Store away from oxidizing agents Keep container tightly sealed Store in cool, dry conditions in well sealed containers.

### 7.3 Specific end use(s)

no data available

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

### 8.2 Exposure controls

#### Appropriate engineering controls

no data available

#### Personal protective equipment

##### Eye/face protection

Safety glasses

##### Skin protection

Check protective gloves prior to each use for their proper condition. Protection of hands: The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

##### Body Protection

Protective work clothing

##### Respiratory protection

The usual precautionary measures should be adhered to in handling the chemicals. General protective and hygienic measures Keep away from foodstuffs, beverages and food. Instantly remove any soiled and impregnated garments. Wash hands during breaks and at the end of the work. Avoid contact with the eyes and skin. Maintain an ergonomically appropriate working environment.

##### 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 explosive limits | no data available |
| k) Vapour pressure                              | no data available |

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|                                           |                   |
|-------------------------------------------|-------------------|
| 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

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## 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

Oxidizing agents

### 10.6 Hazardous decomposition products

Carbon monoxide and carbon dioxide Nitrogen oxides (NOx) Hydrogen bromide Possibly Hydrogen cyanide (HCN)

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## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

Causes skin irritation

#### Skin corrosion/irritation

no data available

#### Serious eye damage/eye irritation

Causes serious eye irritation

#### Respiratory or skin sensitisation

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no data available

**Germ cell mutagenicity**

no data available

**Carcinogenicity**

No classification data on carcinogenic properties of this material is available from the EPA, IARC, NTP, OSHA or ACGIH.

**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**

May cause respiratory irritation

**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**

Do not allow material to be released to the environment without proper governmental permits. Water hazard class 1 (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system. Avoid transfer into the environment.

**12.6 Other adverse effects**

no data available

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**SECTION 13:****13.1 Disposal considerations**

Product

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Hand over to disposers of hazardous waste. Must be specially treated under adherence to official regulations. Consult state, local or national regulations for proper disposal.

**Contaminated packaging**  
 Disposal must be made according to official regulations

### SECTION 14: Transport information

|                                          |                                            |                                             |
|------------------------------------------|--------------------------------------------|---------------------------------------------|
| <b>DOT (US)</b>                          |                                            |                                             |
| UN number: no data available             | Packing group: no data available           | Class: no data available                    |
| Proper shipping name: no data available  | Reportable Quantity(RQ): no data available | Poison Inhalation Hazard: no data available |
| Environmental Hazards: no data available |                                            |                                             |
| <b>IMDG</b>                              |                                            |                                             |
| UN number: no data available             | Packing group: no data available           | EMS-No: no data available                   |
| Proper shipping name: no data available  |                                            |                                             |
| <b>IATA</b>                              |                                            |                                             |
| UN number: no data available             | Packing group: no data available           | Class: no data available                    |
| Proper shipping name: no data available  |                                            |                                             |

### SECTION 15: Regulatory information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

### 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> |
| <b>Creation Date</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 10-Sep-2020                                                                                                                                         |
| <b>Revision Date</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 13-Sep-2025                                                                                                                                         |
| <b>Print Date</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 20-Sep-2025                                                                                                                                         |
| <b>Revision Summary</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | SDS sections updated v1                                                                                                                             |
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