ALADDIN SCIENTIFIC CORPORATION
14078 Meridian Parkway, Riverside, CA. 92518

# 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-Chloro-6-fluorobenzo[d]isoxazole |
| Product Number | : | C193053 |
| Brand | : | aladdin |
| CAS-No. | : | 374554-89-9 |

### 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)**

Acute toxicity,oral(Category 4) H302

Skin corrosion/irritation(Category 2)H315

Serious eye damage/eye irritation(Category 2A )H319

Specific target organ toxicity,single exposure;Respiratory system(Category 3)H335

### 2.2 GHS Label elements, including precautionary statements

**Pictogram**

**Signal word** Warning

**Hazard statement(s)**

| | |
|---|---|
| H302 | Harmful if swallowed |
| H315 | Causes skin irritation |
| H319 | Causes serious eye irritation |
| H335 | May cause respiratory irritation |
| **Precautionary statement(s)** | |
| P261 | Avoid breathing dust/fume/gas/mist/vapors/spray. |
| P264 | Wash hands [and ...] thoroughly after handling. |
| P270 | Do not eat, drink or smoke when using this product. |
| P271 | Use only outdoors or in a well-ventilated area. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |
| P321 | Specific treatment (see ... on this label). |
| P330 | Rinse mouth. |
| P302+P352 | IF ON SKIN: wash with plenty of water. |
| P304+P340 | IF INHALED: Remove person to fresh air and keep comfortable for breathing. |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing. |
| P362+P364 | Take off contaminated clothing and wash it before reuse. |
| P405 | Store locked up. |
| P403+P233 | Store in a well-ventilated place. Keep container tightly closed. |
| P501 | Dispose of contents/container to an approved waste disposal plant. |
| P264+P265 | Wash hands [and ...] thoroughly after handling. Do not touch eyes. |
| P301+P317 | IF SWALLOWED: Get medical help. |
| P337+P317 | If eye irritation persists: Get medical help. |
| P332+P317 | If skin irritation occurs: Get medical help. |
| P319 | Get medical help if you feel unwell. |

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

Additional precautionary phrases are located throughout the safety data sheet.

# SECTION 3: Composition/information on ingredients

## 3.1 Substances

| | |
|---|---|
| Synonyms | : no data available |
| Formula | : C7H3ClFNO |
| Molecular weight | : 171.56 |
| CAS No. | : 374554-89-9 |
| EC-NO. | : no data available |

| Component | Classification | Concentration |
|---|---|---|
| **3-Chloro-6-fluorobenzo[d]isoxazole** | | |

| Component | Classification | Concentration |
|---|---|---|
| | no data available | ≥97% |

## 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**

Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

**In case of eye contact**

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Continue rinsing eyes during transport to hospital.

**If swallowed**

Do NOT induce vomiting. 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

The most important known symptoms and effects are described in the labelling (see section 2.2)

### 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**

Water,Foam,Carbon dioxide (CO2),Dry powder

**Unsuitable extinguishing media**

no data available

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

In combustion toxic fumes may form.

### 5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

### 5.4 Further information

Use water spray to cool unopened containers.

## SECTION 6: Accidental release measures

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

Wear respiratory protection. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. Do not attempt to take action without suitable protective clothing. For personal protection see section 8.

### 6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains or river. Alert the neighbourhood to the presence of fumes or gas.

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

Mix with sand or vermiculite. Sweep up and shovel. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

### 6.4 Reference to other sections

For disposal see section 13.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Wash hands thoroughly after handling. Ensure there is sufficient ventilation of the area. Normal measures for preventive fire protection. For precautions see section 2.2.

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

Keep container tightly closed in a dry and well-ventilated area.Containers which are opened must be carefully resealed and kept upright to prevent leakage.Inert atmosphere,Store in freezer,under -20°C

### 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**

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**

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 | 255.4±20.0°C at 760 mmHg |
| 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

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

Strong oxidizing agents

### 10.6 Hazardous decomposition products

Carbon monoxide, Carbon dioxide, Hydrogen chloride, Hydrogen fluoride, Nitrogen oxides.

## 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**
no data available
**Additional Information**
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**
Consult state, local or national regulations for proper disposal. Hand over to authorised disposal company as hazardous waste.
**Contaminated packaging**
Dispose of as unused product.

## SECTION 14: Transport information

**DOT (US)**

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

**IMDG**

| | | |
|---|---|---|
| UN number: no data available | Packing group: no data available | EMS-No: no data available |

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Proper shipping name: no data available

**IATA**

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

| | |
|---|---|
| **Prepared By** | Regulatory Affairs<br>ALADDIN SCIENTIFIC CORPORATION<br>Email: QualityAssurance@aladdinsci.com |
| **Creation Date** | 23-Apr-2023 |
| **Revision Date** | 13-Sep-2025 |
| **Print Date** | 20-Sep-2025 |
| **Revision Summary** | SDS sections updated v1 |

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