

# SAFETY DATA SHEET

Version: v1  
Revision Date: 2023-07-15  
Print Date: 2023-07-18

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

### 1.1 Product identifiers

Product name : Isobutylamine Hydroiodide  
Product Number : I157494  
Brand : aladdin  
CAS-No. : 205508-75-4

### 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)

H315	Causes skin irritation
H319	Causes serious eye irritation
<b>Precautionary statement(s)</b>	
P264	Wash hands [and ...] thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	IF ON SKIN: wash with plenty of water.
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.

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

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Synonyms	: Isobutylammonium Iodide
Formula	: C <sub>4</sub> H <sub>11</sub> N·HI
Molecular weight	: 201.05
CAS No.	: 205508-75-4
EC-NO.	: no data available

Component	Classification	Concentration
<b>Isobutylamine Hydroiodide</b>		
	no data available	>97.0%(T)

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General advice

no data available

#### If inhaled

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

#### In case of skin contact

Remove/Take off immediately all contaminated clothing. Gently wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.

#### In case of eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

#### If swallowed

Get medical advice/attention if you feel unwell. Rinse mouth.

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

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

no data available

#### **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**

Dry chemical, foam, water spray, carbon dioxide

##### **Unsuitable extinguishing media**

no data available

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

no data available

#### **5.3 Advice for firefighters**

When extinguishing fire, be sure to wear personal protective equipment

#### **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.Keep people away from and upwind of spill/leak.Entry to non-involved personnel should be controlled around the leakage area by roping off, etc

#### **6.2 Environmental precautions**

Prevent product from entering drains.

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

Sweep dust to collect it into an airtight container, taking care not to disperse it.Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

#### **6.4 Reference to other sections**

no data available

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### **SECTION 7: Handling and storage**

#### **7.1 Precautions for safe handling**

Handling is performed in a well ventilated place.Wear suitable protective equipment.Prevent dispersion of dust.Wash hands and face thoroughly after handling.Use a local exhaust if dust or aerosol will be generated.Avoid contact with skin, eyes and clothing.

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## 7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed.Store in a cool and dark place.Store under inert gas.Protect from moisture.Store away from incompatible materials such as oxidizing agents.Hygroscopic

## 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

Install a closed system or local exhaust as possible so that workers should not be exposed directly.Also install safety shower and eye bath.

#### Personal protective equipment

##### Eyel/face protection

Safety glasses.A face-shield, if the situation requires.

##### Skin protection

Protective gloves.

##### Body Protection

Protective clothing.Protective boots, if the situation requires.

##### Respiratory protection

Dust respirator.Follow local and national regulations

##### Control of environmental exposure

no data available

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## 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
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

Stable under proper 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

Carbon dioxide, Carbon monoxide, Nitrogen oxides (NOx), Hydrogen Iodide

### 10.6 Hazardous decomposition products

no data available

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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

#### Serious eye damage/eye irritation

no data available

#### Respiratory or skin sensitisation

no data available

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**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

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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**

no data available

### **12.6 Other adverse effects**

no data available

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## **SECTION 13:**

### **13.1 Disposal considerations**

**Product**

Recycle to process, if possible. Consult your local regional authorities. You may be able to dissolve or mix material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber system. Observe all federal, state and local regulations when disposing of the substance.

**Contaminated packaging**

no data available

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 data available		

IMDG

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

Further information

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