

Version: v1  
Revision Date: 2023-07-18  
Print Date: 2023-07-25

## SAFETY DATA SHEET

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

#### 1.1 Product identifiers

Product name : Piperidinium bromide  
Product Number : P493205  
Brand : aladdin  
CAS-No. : 14066-85-4

#### 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** : 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

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**3.1 Substances**

Synonyms : no data available  
Formula : C5H11N.HBr  
Molecular weight : 166.06  
CAS No. : 14066-85-4  
EC-NO. : no data available

Component	Classification	Concentration
Piperidinium bromide		
no data available		no data available

**SECTION 4: First aid measures****4.1 Description of first aid measures****General advice**

Consult a doctor. Show this safety data sheet to the doctor on site.

**If inhaled**

If inhaled, move the patient to fresh air. If breathing stops, perform artificial respiration. Consult a doctor.

**In case of skin contact**

Rinse with soap and plenty of water. consult the doctor

**In case of eye contact**

Separate the eyelids and wash them with flowing clean water or normal saline. Get medical attention immediately.

**If swallowed**

Do not feed anything to the unconscious. Rinse mouth with water. Consult a doctor.

**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 mist, alcohol resistant foam, dry powder or carbon dioxide to extinguish the fire.

**Unsuitable extinguishing media**

Avoid using direct water to extinguish the fire. Direct water may cause splashing of flammable liquid and spread the fire.

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

no data available

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**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.

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**SECTION 6: Accidental release measures**

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

Avoid dust generation. Avoid breathing vapor, mist or gas. See Section 8 for personal protection.

**6.2 Environmental precautions**

Collect the leakage to avoid polluting the environment. Prevent leakage from entering sewers, surface water and groundwater.

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

Sweep and shovel. Place in a suitable closed container for disposal.

**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**

Avoid contact with skin and eyes. Avoid formation of dust and aerosols.

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

Store in a cool place. Keep the container 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.

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## Personal protective equipment

### Eyeface 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

Gloves must be checked before use. Please use proper methods to remove the gloves (do not touch the outer surface of the gloves), and avoid any skin parts contacting the product. After use, please handle the contaminated gloves carefully according to relevant laws and regulations and effective laboratory rules and procedures. Please clean and blow dry the protective gloves selected for your hands must meet the specifications given in regulation (EU 2016 / 425 and the en 374 standard 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 respirator with multi-purpose combination (US) or type ABEK (EN 14387) 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

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

## 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

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

no data available

### 10.6 Hazardous decomposition products

no data available

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## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

#### 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

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**Specific target organ toxicity - repeated exposure**

no data available

**Aspiration hazard**

no data available

**Additional Information**

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**SECTION 12: Ecological information**

**12.1 Toxicity**

**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 if possible. Please consult your local administration. It is recommended to dissolve and mix in combustible solvent and incinerate in a chemical incinerator equipped with afterburning and washing devices. Please observe all national, regional and local regulations when disposing.

**Contaminated packaging**

Dispose of as unused product.

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**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

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Environmental Hazards: no

**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**

**SECTION 16: Other information**

**Further information**

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