

SAFETY DATA SHEET

Version: v1

Revision Date: 2023-11-

06

Print Date: 2023-11-16

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

1.1 Product identifiers

Product name : Bromoacetyl Chloride
Product Number : B137113
Brand : aladdin
CAS-No. : 22118-09-8

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : 仅供科研用途，不作为药物、家庭备用药或其它用途。

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

Danger

Hazard statement(s)

H314 Causes severe skin burns and eye damage

H335 May cause respiratory irritation

Precautionary statement(s)

P260 Do not breathe dust/fume/gas/mist/vapors/spray.

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.

P264 Wash hands [and ...] thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P302	IF ON SKIN:
P361	Take off immediately all contaminated clothing.
P363	Wash contaminated clothing before reuse.
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
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.
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.

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	: C ₂ H ₂ BrClO
Molecular weight	: 157.39
CAS No.	: 22118-09-8
EC-NO.	: no data available

Component	Classification	Concentration
Bromoacetyl Chloride		
	no data available	≥85.0%(GC)

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice

请教医生。向到现场的医生出示此安全技术说明书。

If inhaled

如果吸入,请将患者移到新鲜空气处。如呼吸停止,进行人工呼吸。请教医生。

In case of skin contact

立即脱掉被污染的衣服和鞋。用肥皂和大量的水冲洗。请教医生。

In case of eye contact

用大量水彻底冲洗至少15分钟并请教医生。

If swallowed

禁止催吐。切勿给失去知觉者通过口喂任何东西。用水漱口。请教医生。

4.2 Most important symptoms and effects, both acute and delayed

禁止催吐。切勿给失去知觉者通过口喂任何东西。用水漱口。请教医生。

4.3 Indication of any immediate medical attention and special treatment needed

该物质对粘膜组织和上呼吸道、眼睛和皮肤破坏巨大。;痉挛，发炎，咽喉肿痛;痉挛，发炎，支气管炎;肺炎;肺水肿;灼伤感：,咳嗽,喘息,喉炎,呼吸短促,头痛,恶心,呕吐,据我们所知，此化学，物理和毒性性质尚未经完整的研究。

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

如必要的话,戴自给式呼吸器去救火。

Unsuitable extinguishing media

no data available

5.2 Special hazards arising from the substance or mixture

干粉

5.3 Advice for firefighters

0

5.4 Further information

碳氧化物,氯化氢气体,溴化氢气

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment.Avoid inhaling vapors, smoke, or gases.Ensure sufficient ventilation.Remove all sources of ignition.Evacuate personnel to a safe area.Beware of vapor accumulation reaching explosive concentrations. Vapour can accumulate in low-lying areas.

6.2 Environmental precautions

Do not allow the product to enter the sewer.

6.3 Methods and materials for containment and cleaning up

Soak up with inert absorbent material and dispose of as hazardous waste. Place in a suitable closed container for disposal.

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 the formation of dust and aerosols. Provide suitable exhaust equipment in areas with dust generation.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool place. Keep the container tightly closed and store in a dry and ventilated place. The opened container must be carefully resealed and kept in an upright position to prevent leakage. Contact with water is strictly prohibited during storage. Inflatable storage is sensitive to humidity/hygroscopic

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

Eyeface protection

no data available

Skin protection

no data available

Body Protection

no data available

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

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
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

在建议的贮存条件下是稳定的

10.3 Possibility of hazardous reactions

no data available

10.4 Conditions to avoid

醇类,强碱

10.5 Incompatible materials

no data available

10.6 Hazardous decomposition products

no data available

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

此产品中沒有大于或等于0。1%含量的组分被IARC鉴别为可能的或肯定的人类致癌物。

Carcinogenicity

no data available

Reproductive toxicity

可能引起呼吸道刺激。

Specific target organ toxicity - single exposure

no data available

Specific target organ toxicity - repeated exposure

吸入可能有害。该物质对组织、粘膜和上呼吸道破坏力强引起呼吸道刺激。

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

Recycle to process, if possible. Consult your local regional authorities and an expert of disposal. You may be able to dissolve or mix material with a combustible solvent and little by little burn in a chemical incinerator equipped with an afterburner and scrubber system. If a large amount of the substance is burned at a time, an explosion may occur. Observe all federal, state and local regulations when disposing of the substance.

Contaminated packaging

Dispose of as unused product.

SECTION 14: Transport information**DOT (US)**

UN number: no data available

Packing group: no data available

Class: 8

Proper shipping name: CORROSIVE
LIQUID, ACIDIC, ORGANIC, N.O.S.

Reportable Quantity(RQ): no data
available

Poison Inhalation Hazard: no data
available

(Bromoacetyl chloride)

Environmental Hazards: No

IMDG

UN number: no data available

Packing group: no data available

EMS-No: no data available

Proper shipping name: CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (Bromoacetyl chloride)

IATA

UN number: no data available

Packing group: no data available

Class: 8

Proper shipping name: CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (Bromoacetyl chloride)

SECTION 15: Regulatory information

no data available

SECTION 16: Other information**Further information**

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