

Shanghai Aladdin Biochemical Technology Co., Ltd.
No. 809, Chuhua Branch Road, Fengxian District, Shanghai

SAFETY DATA SHEET

Version: v1
Revision Date: 2023-11-15
Print Date: 2023-11-26

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

1.1 Product identifiers

Product name : Sodium antimonate
Product Number : S103136
Brand : aladdin
CAS-No. : 15432-85-6

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 : 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

3.1 Substances

Synonyms : Sodium Antimonate; Sodium Metaantimonate
Formula : NaO3Sb

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Molecular weight : 192.75
CAS No. : 15432-85-6
EC-NO. : 239-444-7

Component	Classification	Concentration
Sodium antimonate		
	no data available	98%

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice

no data available

If inhaled

提供新鲜空气.如有需要,提供人工呼吸。让病人保暖.如果症状持续则询问医生。马上寻求医生的建议。

In case of skin contact

马上用水和肥皂彻底冲洗。马上寻求医生的建议。

In case of eye contact

请睁开眼睛用流水冲洗几分钟.然后咨询医生。

If swallowed

寻求医务治疗。

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

使用适宜的灭火措施。

Unsuitable extinguishing media

如果本产品遇火,会释放以下物质:氧化锑氧化 钠

5.2 Special hazards arising from the substance or mixture

佩戴自给式呼吸器。身着全面防护服。

5.3 Advice for firefighters

no data available

5.4 Further information

no data available

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

It is recommended that emergency responders wear air-carrying respirators, anti-static clothing, and rubber oil-resistant gloves. Do not touch or step over spillage. All equipment used during work should be grounded. Cut off sources of leaks as much as possible. Eliminate all ignition sources. The warning area is delineated according to the influence area of liquid flow, vapor or dust diffusion, and unrelated personnel are evacuated to the safe area from the crosswind and upwind directions.

6.2 Environmental precautions

Do not allow the product to enter the drainage system or any water source.

6.3 Methods and materials for containment and cleaning up

Please dispose of contaminated materials in accordance with Article 13. Ensure sufficient ventilation

6.4 Reference to other sections

For disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Keep away from open flames, hot surfaces and sources of ignition. Immediately change contaminated clothing. Apply preventive skin protection. Wash hands and face after working with substance. For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Please seal container. Store airtight in a cool, dry place.

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

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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

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	Soluble in tartaric acid, sodium sulfide solution, concentrated sulfuric acid, slightly soluble in alcohol, ammonium salt, insoluble in acetic acid, dilute alkali and dilute inorganic acid. Insoluble in cold water.
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

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

推荐的贮存条件下是稳定的。

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

no data available

10.5 Incompatible materials

Antimony oxides氧化 钠

10.6 Hazardous decomposition products

吸入有害吞咽有害

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Skin corrosion/irritation

可能有刺激性。

Serious eye damage/eye irritation

没有已知的敏化影响。

Respiratory or skin sensitisation

以下RTECS声明是指无水化合物:化学物质毒性数据库中含有该物质的突变数据。

Germ cell mutagenicity

EPA,IARC,NTP,OSHA和ACGIH中无该材料的致癌性性分类数据。

Carcinogenicity

没有影响

Reproductive toxicity

没有影响

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Specific target organ toxicity - single exposure
没有影响
Specific target organ toxicity - repeated exposure
no data available
Aspiration hazard
no data available
Additional Information

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

Do not allow large amounts or undiluted products to enter groundwater, water bodies, or drainage systems. Avoid entering the environment.

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

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DOT (US)

UN number: 1549

Packing group: II

Class: 6.1

Proper shipping name: ANTIMONY

Reportable Quantity(RQ): no data

Poison Inhalation Hazard: no data

COMPOUND,INORGANIC, SOLID, N.O.S. available

available

Environmental Hazards: yes

IMDG

UN number: 1549

Packing group: II

EMS-No: no data available

Proper shipping name: ANTIMONY COMPOUND,INORGANIC, SOLID, N.O.S.

IATA

UN number: 1549

Packing group: II

Class: 6.1

Proper shipping name: ANTIMONY COMPOUND,INORGANIC, SOLID, N.O.S.

SECTION 15: Regulatory information

SECTION 16: Other information

Further information

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