

Version: v1
Revision Date: 2023-07-17
Print Date: 2023-07-22

SAFETY DATA SHEET

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

1.1 Product identifiers

Product name : ACES
Product Number : A100327
Brand : aladdin
CAS-No. : 7365-82-4

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

3.1 Substances

Synonyms : ACES;N-(Carbamoylmethyl)taurine;2-[(Carbamoylmethyl)amino]ethanesulfonic Acid;N-(Carbamoylmethyl)-2-aminoethanesulfonic acid

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Formula : C₄H₁₀N₂O₄S
Molecular weight : 182.2
CAS No. : 7365-82-4
EC-NO. : 230-908-4

Component	Classification	Concentration
ACES		
	no data available	99%

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice

no data available

If inhaled

no data available

In case of skin contact

用肥皂和大量的水冲洗。

In case of eye contact

用水冲洗眼睛作为预防措施。

If swallowed

用水雾,抗乙醇泡沫,干粉或二氧化碳灭火。

4.2 Most important symptoms and effects, both acute and delayed

主要症状和影响,急性和迟发效应据我们所知,此化学,物理和毒性性质尚未经完整的研究。

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

用水雾,抗乙醇泡沫,干粉或二氧化碳灭火。

Unsuitable extinguishing media

no data available

5.2 Special hazards arising from the substance or mixture

避免粉尘生成。避免吸入蒸气、烟雾或气体。

5.3 Advice for firefighters

无数据资料

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5.4 Further information

no data available

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

扫掉和铲掉。放入合适的封闭的容器中待处理。

6.2 Environmental precautions

不要让产品进入下水道。

6.3 Methods and materials for containment and cleaning up

在有粉尘生成的地方,提供合适的排风设备。一般性的防火保护措施。

6.4 Reference to other sections

For disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

无数据资料

7.2 Conditions for safe storage, including any incompatibilities

贮存在阴凉处。使容器保持密闭,储存在干燥通风处。

7.3 Specific end use(s)

常规的工业卫生操作。

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

no data available

Skin protection

Gloves must be checked before use. Please use proper methods to remove the gloves (do not touch the outer

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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

no data available

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

no data available

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

a) Appearance	form: 透明的 color: 白色
b) Odour	no data available
c) Odour Threshold	no data available
d) pH	3.0 - 4.5
e) Melting point/freezing point	> 220°C
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

强氧化剂

10.2 Chemical stability

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Stable under recommended storage conditions

10.3 Possibility of hazardous reactions

no data available

10.4 Conditions to avoid

吸入可能有害。可能引起呼吸道刺激。

10.5 Incompatible materials

如服入是有害的。

10.6 Hazardous decomposition products

无数据资料

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

no data available

Skin corrosion/irritation

无数据资料

Serious eye damage/eye irritation

通过皮肤吸收可能有害。可能引起皮肤刺激。

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

无数据资料

Reproductive toxicity

化学物质毒性作用登记:无数据资料

Specific target organ toxicity - single exposure

no data available

Specific target organ toxicity - repeated exposure

可能引起眼睛刺激。

Aspiration hazard

无数据资料

Additional Information

no data available

SECTION 12: Ecological information

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12.1	Toxicity
	no data available
12.2	Persistence and degradability
	无数据资料
12.3	Bioaccumulative potential
	无数据资料
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 no data available
	Contaminated packaging Dispose of as unused product.

SECTION 14: Transport information

DOT (US) UN number: no data available Proper shipping name: 非危险货物 Environmental Hazards: 否	Packing group: - Reportable Quantity(RQ): no data available Poison Inhalation Hazard: 否	Class: -
IMDG UN number: no data available Proper shipping name: 非危险货物	Packing group: -	EMS-No: 否
IATA UN number: no data available Proper shipping name: 非危险货物	Packing group: -	Class: -

SECTION 15: Regulatory information

no data available

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SECTION 16: Other information

Further information

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