

Version: v1
Revision Date: 2023-07-24
Print Date: 2023-07-27

SAFETY DATA SHEET

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

1.1 Product identifiers

Product name : 2-ethylhexyloxypropylamine
Product Number : E113066
Brand : aladdin
CAS-No. : 5397-31-9

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)

H302 Harmful if swallowed

H311 Toxic in contact with skin

Precautionary statement(s)

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

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

P270 Do not eat, drink or smoke when using this product.

P273 Avoid release to the environment.

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

P302 IF ON SKIN:

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

P330	Rinse mouth.
P361	Take off immediately all contaminated clothing.
P363	Wash contaminated clothing before reuse.
P391	Collect spillage.
P301+P312	IF SWALLOWED: call a POISON CENTER/doctor/... IF you feel unwell.
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P302+P352	IF ON SKIN: wash with plenty of water.
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.
P361+P364	Take off immediately all contaminated clothing and wash it before reuse.
P405	Store locked up.
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	: 3-(2-Ethylhexyloxy)propylamine 3-Aminopropyl 2-Ethylhexyl Ether 3-Aminopropyl Octyl Ether n-Propanolamine 2-Ethylhexyl Ether
Formula	: C11H25NO
Molecular weight	: 187.3
CAS No.	: 5397-31-9
EC-NO.	: no data available

Component	Classification	Concentration
2-ethylhexyloxypropylamine	no data available	99%

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice 请教医生。 出示此安全技术说明书给到现场的医生看。 If inhaled 如果吸入,请将患者移到新鲜空气处。 如果停止了呼吸,给于人工呼吸。 请教医生。 In case of skin contact 立即脱掉污染的衣服和鞋子。 用肥皂和大量的水冲洗。 立即将患者送往医院。 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。 切勿给失去知觉者从嘴里喂食任何东西。 用水漱口。 请教医生。
--

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

4.2 Most important symptoms and effects, both acute and delayed

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

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,耐醇泡沫,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

碳氧化物, 氮氧化物

5.3 Advice for firefighters

如必要的话,戴自给式呼吸器去救火。

5.4 Further information

no data available

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

戴呼吸罩。 防止吸入蒸汽、气雾或气体。 保证充分的通风。 将人员撤离到安全区域。

6.2 Environmental precautions

在确保安全的前提下,采取措施防止进一步的泄漏或溢出。 不要让产物进入下水道。

6.3 Methods and materials for containment and cleaning up

用惰性吸附材料吸收并当作危险废品处理。 存放进适当的闭口容器中待处理。

6.4 Reference to other sections

丢弃处理请参阅第13节。

SECTION 7: Handling and storage

7.1 Precautions for safe handling

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

避免接触皮肤和眼睛。防止吸入蒸汽和烟雾。

7.2 Conditions for safe storage, including any incompatibilities

贮存在阴凉处。容器保持紧闭，储存在干燥通风处。打开了的容器必须仔细重新封口并保持竖放位置以防止泄漏。

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

避免与皮肤、眼睛和衣服接触。休息以前和操作过此产品之后立即洗手。

Personal protective equipment

Eye/face protection

紧密装配的防护眼镜请使用经官方标准如NIOSH (美国) 或 EN 166(欧盟) 检测与批准的设备防护眼部。

Skin protection

戴手套取 手套在使用前必须受检查。请使用合适的方法脱除手套(不要接触手套外部表面),避免任何皮肤部位接触此产品.使用后请将被污染过的手套根据相关法律法规和有效的实验室规章制度谨慎处理.请清洗并吹干双手 所选择的保护手套必须符合EU的89/686/EEC规定和从它衍生出来的EN 376标准。

Body Protection

全套防化学试剂工作服, 防护设备的类型必须根据特定工作场所中的危险物的浓度和含量来选择。

Respiratory protection

如危险性评测显示需要使用空气净化的防毒面具, 请使用全面罩式多功能防毒面具 (US) 或ABEK型 (EN 14387) 防毒面具筒作为工程控制的候补。如果防毒面具是保护的唯一方式, 则使用全面罩式送风防 毒面具。呼吸器使用经过测试并通过政府标准如NIOSH (US) 或CEN (EU) 的呼吸器和零件。

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: 液体 color: 无色
b) Odour	no data available
c) Odour Threshold	no data available
d) pH	11 在 25 °C
e) Melting point/freezing point	< -70 °C
f) Initial boiling point and boiling range	152 °C 在 17 hPa - lit.
g) Flash point	103 °C - 闭杯
h) Evaporation rate	no data available
i) Flammability (solid, gas)	no data available
j) Upper/lower flammability or explosive limits	爆炸上限: 4.7 %(V) 爆炸下限: 1 %(V)

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

k) Vapour pressure	no data available
l) Vapour density	no data available
m) Relative density	0.848 g/cm ³ 在 25 °C
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

no data available

10.3 Possibility of hazardous reactions

no data available

10.4 Conditions to avoid

强氧化剂酸, 强氧化剂

10.5 Incompatible materials

其它分解产物 - 无数据资料

10.6 Hazardous decomposition products

半数致死剂量 (LD50) 经口 - 大鼠 - 320 mg/kg 半数致死剂量 (LD50) 经皮 - 兔子 - 305 mg/kg

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

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

Respiratory or skin sensitisation

no data available

Germ cell mutagenicity

IARC: 此产品中没有大于或等于 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

no data available

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

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

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

将剩余的和未回收的溶液交给处理公司。

Contaminated packaging
作为未用过的产品弃置。

SECTION 14: Transport information

DOT (US)		
UN number: 2927	Packing group: II	Class: 6.1 (8)
Proper shipping name: Toxic liquids, corrosive, organic, n.o.s.(3-(2-Ethylhexyloxy)propylamine)	Reportable Quantity(RQ): no data available	Poison Inhalation Hazard: no data
Environmental Hazards: No		
IMDG		
UN number: 2927	Packing group: II	EMS-No: no data available
Proper shipping name: Toxic liquids, corrosive, organic, n.o.s.(3-(2-Ethylhexyloxy)propylamine)		
IATA		
UN number: 2927	Packing group: II	Class: 6.1 (8)
Proper shipping name: Toxic liquids, corrosive, organic, n.o.s.(3-(2-Ethylhexyloxy)propylamine)		

SECTION 15: Regulatory information

no data available

SECTION 16: Other information

Further information

Copyright Aladdin Co. Ltd. License granted to make unlimited paper copies for internal use only. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Aladdin Co. Ltd. and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.

Version: v1	Revision Date: 2023-07-24	Print Date: 2023-07-27
-------------	---------------------------	------------------------

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