

Version: v1
Revision Date: 2023-07-17
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SAFETY DATA SHEET

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

1.1 Product identifiers

Product name : Amygdalin
Product Number : A107072
Brand : aladdin
CAS-No. : 29883-15-6

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
Signal word
Hazard statement(s)

Warning

H302

Harmful if swallowed

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 : D-Mandelonitrile 6-O- β -D-glucosido- β -D-glucoside D-Mandelonitrile- β -gentiobioside Laetrile
Formula : C₂₀H₂₇NO₁₁
Molecular weight : 457.43
CAS No. : 29883-15-6
EC-NO. : 249-925-3

Component	Classification	Concentration
Amygdalin	no data available	97%

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

no data available

In case of skin contact

用肥皂和大量的水冲洗。请教医生。

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,急性和迟发效应总是随身携带附有正确使用说明的氰化物急救包。症状的发作一般依赖氰化物的生成而有所延迟。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

使用个人防护用品。避免粉尘生成。避免吸入蒸气、烟雾或气体。保证充分的通风。避免吸入粉尘。

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5.3 Advice for firefighters

无数据资料

5.4 Further information

no data available

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

收集和处置时不要产生粉尘。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

避免接触皮肤和眼睛。避免形成粉尘和气溶胶。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)

根据良好的工业卫生和安全规范进行操作。休息前和工作结束时洗手。

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

Eyeface protection

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no data available

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

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: 粉末 color: 米黄色
b) Odour	no data available
c) Odour Threshold	no data available
d) pH	no data available
e) Melting point/freezing point	210 - 215 °C (410 - 419 °F)
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

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强氧化剂,强酸,强碱

10.2 Chemical stability

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

误吞对人体有害。

10.6 Hazardous decomposition products

半数致死剂量(LD50) 经口- 大鼠- 405 mg/kg

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

细胞突变性-体外试验-小鼠-鼠伤寒沙门氏菌宿主介入的测试

Reproductive toxicity

化学物质毒性作用登记:OO8450000

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

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Additional Information

no data available

SECTION 12: Ecological information

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

无数据资料

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: -

Class: -

Reportable Quantity(RQ): no data available Poison Inhalation Hazard: 否

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

Packing group: -

Class: -

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Proper shipping name: 非危险货物

SECTION 15: Regulatory information

no data available

SECTION 16: Other information

Further information

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