

Version: v1
Revision Date: 2023-07-18
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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 : Cresyl Diphenyl Phosphate (so called) (mixture of analogue)
Product Number : C136516
Brand : aladdin
CAS-No. : 26444-49-5

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 : Diphenyl Cresyl Phosphate;Phosphoric Acid Cresyl Diphenyl Ester
Formula : (CH3C6H4O)xP(:O)(OC6H5)y

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Molecular weight	: no data available	
CAS No.	: 26444-49-5	
EC-NO.	: no data available	
Component	Classification	Concentration
Cresyl Diphenyl Phosphate (so called) (mixture of analogue)		
no data available		≥93.0%(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

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

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

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

no data available

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

用水雾,抗乙醇泡沫,干粉或二氧化碳灭火。

5.3 Advice for firefighters

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5.4 Further information

碳氧化物,磷的氧化物

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

使用个人防护用品。避免吸入蒸气、烟雾或气体。保证充分的通风。

6.2 Environmental precautions

如能确保安全，可采取措施防止进一步的泄漏或溢出。不要让产品进入下水道。一定要避免排放到周围环境中。

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物处理。放入合适的封闭的容器中待处理。

6.4 Reference to other sections

For disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

避免接触皮肤和眼睛。避免吸入蒸气和烟雾。

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。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

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 government standards such as NIOSH (US) or EN166(EU).

Skin protection

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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

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 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	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

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10.2 Chemical stability

Stable under recommended storage conditions

10.3 Possibility of hazardous reactions

no data available

10.4 Conditions to avoid

强氧化剂

10.5 Incompatible materials

no data available

10.6 Hazardous decomposition products

半数致死剂量(LD50) 经口- 大鼠- 1,420 mg/kg半数致死剂量(LD50) 经口- 大鼠- 6,400 mg/kg半数致死剂量(LD50) 经皮- 兔子- > 5,000 mg/kg

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

no data available

Skin corrosion/irritation

眼睛- 兔子- 无眼睛刺激

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

no data available

Specific target organ toxicity - single exposure

no data available

Specific target organ toxicity - repeated exposure

吸入可能有害。可能引起呼吸道刺激。

Aspiration hazard

对鱼类的毒性 半数致死浓度 (LC50) - 青鳉鱼 - 1.3 mg/l - 96.0 h对水蚤和其他水生无脊 椎动物的毒性半数效应浓 度 (EC50) - 大型蚤 (水蚤) - 3.7 mg/l - 24 h对藻类的毒性 半数抑制浓度 (IC 50) - 近头状伪蹄形藻 (绿藻) - 0.99 mg/l - 72 h

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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

对水生生物毒性极大并具有长期持续影响 .
- 12.6

Other adverse effects

no data available

SECTION 13:

- 13.1

Disposal considerations

Product
将剩余的和不可回收的溶液交给有许可证的公司处理。

Contaminated packaging
Dispose of as unused product.

SECTION 14: Transport information

DOT (US)
UN number: no data available
Proper shipping name:
ENVIRONMENTALLY HAZARDOUS
SUBSTANCE, LIQUID, N.O.S. (Diphenyl
tolyl phosphate)
Environmental Hazards: 是

IMDG
UN number: no data available
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Diphenyl tolyl phosphate)

Packing group: no data available
Reportable Quantity(RQ): no data available

Class: 9
Poison Inhalation Hazard: no data

EMS-No: no data available

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IATA

UN number: no data available

Packing group: no data available

Class: 9

Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Diphenyl tolyl phosphate)

SECTION 15: Regulatory information

no data available

SECTION 16: Other information

Further information

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