

Version: v1
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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 : Diisobutyl phthalate
Product Number : D108909
Brand : aladdin
CAS-No. : 84-69-5

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)
H360 May damage fertility or the unborn child
H400 Very toxic to aquatic life
Precautionary statement(s)
P201 Obtain special instructions before use.
P308+P313 IF exposed or concerned: Get medical advice/attention.

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	: DIBP; Phthalic Acid Diisobutyl Ester	
Formula	: C16H22O4	
Molecular weight	: 278.34	
CAS No.	: 84-69-5	
EC-NO.	: 201-553-2	
Component	Classification	Concentration
Diisobutyl phthalate		
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**
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**
切勿给失去知觉者从嘴里喂食任何东西。用水漱口。请教医生。

4.2 Most important symptoms and effects, both acute and delayed

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**
no data available
- Unsuitable extinguishing media**
灭火方法及灭火剂用水雾,耐醇泡沫,干粉或二氧化碳灭火。

5.2 Special hazards arising from the substance or mixture

碳氧化物

5.3 Advice for firefighters

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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

使用个人防护设备。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。防止排放到周围环境中。

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品处理。存放在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

避免暴露:使用前需要获得专门的指导。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

根据工业卫生和安全使用规则来操作。休息以前和工作结束时洗手。

Personal protective equipment

Eye/face protection

面罩與安全眼鏡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

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使用前必须检查手套。请使用正确的方法取下手套（请勿触摸手套的外表面），并避免任何皮肤部位接触产品。使用后，请按照相关法律法规和有效的实验室规程和程序小心操作被污染的手套。请清洁并吹干为您的手选择的防护手套，必须符合法规（EU）2016/425中给出的规格以及由此衍生的EN 374标准。

Body Protection

防渗透的衣服, 阻燃防静电防护服, 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	no data available
e) Melting point/freezing point	327 °C - lit.
f) Initial boiling point and boiling range	109 °C - 闭杯
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	1.039 g/cm ³ 在 25 °C
n) Water solubility	no data available
o) Partition coefficient: n-octanol/water	辛醇--水的分配系数的对数值: 4.11 在 20 °C
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

在建议的贮存条件下是稳定的

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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 - 15,000 mg/kg 半数致死剂量 (LD50) 经皮 - 豚鼠 - 10,000 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

有可能会损害胎儿。有损害生育能力的嫌疑。

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) - Pimephales promelas (黑头软口鲮鱼) - 0.73 mg/l - 96.0 h 对水蚤和其他水生无脊椎动物的毒性。半致死有效浓度 (EC50) - Daphnia magna (大型蚤) - 7.4 mg/l - 24 h 对藻类的毒性 半致死有效浓度 (EC50) - Desmodesmus subspicatus (绿藻) - 1 mg/l - 72 h

Additional Information

no data available

SECTION 12: Ecological information

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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 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: ENVIRONMENTALLYHAZARDOUSSUBSTANCE,LIQUID,N.O.S. (Diisobutylphthalate) Proper shipping name: 3082 Environmental Hazards: 是	Packing group: III	Class: 9
IMDG UN number: ENVIRONMENTALLYHAZARDOUSSUBSTANCE,LIQUID,N.O.S. (Diisobutylphthalate) Proper shipping name: 3082	Packing group: III	EMS-No: no data av
IATA UN number: ENVIRONMENTALLYHAZARDOUSSUBSTANCE,LIQUID,N.O.S. (Diisobutylphthalate)	Packing group: III	Class: 9

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Proper shipping name: 3082

SECTION 15: Regulatory information

no data available

SECTION 16: Other information

Further information

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