

Version: v1
Revision Date: 2023-07-22
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 : Dichlorvos solution
Product Number : D114153
Brand : aladdin
CAS-No. : 62-73-7

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
Hazard statement(s)



Danger

H301 Toxic if swallowed
H311 Toxic in contact with skin
H317 May cause an allergic skin reaction
H330 Fatal if inhaled
H400 Very toxic to aquatic life

Precautionary statement(s)
P260

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

- Phone: 400-620-6333
- Email: Sale@aladdin-e.com
- Web: <https://www.aladdin-e.com>

P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P284	[In case of inadequate ventilation] Wear respiratory protection.
P310	Immediately call a POISON CENTER or doctor/physician.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor/...

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Synonyms	: 2,2-Dichlorovinyl dimethyl phosphate Astrobot Atgard Dichlorman Divipan
Canogard Cekusan DDVP Verdisol	
Formula	: C4H7Cl2O4P
Molecular weight	: 220.98

Component Classification Concentration

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。立即将患者送往医院。请教医生。
In case of eye contact 谨慎起见用水冲洗眼睛。
If swallowed 切勿给失去知觉者喂食任何东西。用水漱口。请教医生。

4.2 Most important symptoms and effects, both acute and delayed

no data available

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
--

- Phone: 400-620-6333
- Email: Sale@aladdin-e.com
- Web: <https://www.aladdin-e.com>

Unsuitable extinguishing media

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

no data available

5.3 Advice for firefighters

如有必要，佩戴自给式呼吸器进行消防作业

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。避免吸入蒸气、气雾或气体。保证充分的通风。将人员疏散到安全区域。

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。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

no data available

SECTION 7: Handling and storage

7.1 Precautions for safe handling

避免接触皮肤和眼睛。避免吸入蒸气或雾滴。

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。建议的贮存温度-20°C

7.3 Specific end use(s)

no data available

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

-
- Phone: 400-620-6333
 - Email: Sale@aladdin-e.com
 - Web: <https://www.aladdin-e.com>

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**Eyeface 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

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	no data available
b) Odour	no data available
c) Odour Threshold	no data available
d) pH	no data available
e) Melting point/freezing point	-60 °C
f) Initial boiling point and boiling range	140 °C
g) Flash point	100 °C
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

- Phone: 400-620-6333
- Email: Sale@aladdin-e.com
- Web: <https://www.aladdin-e.com>

SECTION 10: Stability and reactivity

10.1 Reactivity

在建议的贮存条件下是稳定的。

10.2 Chemical stability

在建议的贮存条件下是稳定的

10.3 Possibility of hazardous reactions

no data available

10.4 Conditions to avoid

no data available

10.5 Incompatible materials

在着火情况下，会分解生成有害物质。 - 碳氧化物, 磷的氧化物, 氯化氢气体其他分解产物 - 无数据资料

10.6 Hazardous decomposition products

no data available

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

Respiratory or skin sensitisation

no data available

Germ cell mutagenicity

no data available

Carcinogenicity

no data available

Reproductive toxicity

no data available

Specific target organ toxicity - single exposure

no data available

Specific target organ toxicity - repeated exposure

no data available

-
- Phone: 400-620-6333
 - Email: Sale@aladdin-e.com
 - Web: <https://www.aladdin-e.com>

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
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
作为未用过的产品弃置。

SECTION 14: Transport information

DOT (US)
UN number: no data available
Proper shipping name: no data available
Environmental Hazards: no data available

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

Class: no data available
Poison Inhalation Hazard: no data

IMDG
UN number: no data available
Proper shipping name: no data available

Packing group: no data available

EMS-No: no data available

-
- Phone: 400-620-6333
 - Email: Sale@aladdin-e.com
 - Web: <https://www.aladdin-e.com>

IATA

UN number: no data available Packing group: no data available Class: no data available
Proper shipping name: no data available

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: 2023-07-22	Print Date: 2023-07-27
-------------	---------------------------	------------------------

-
- Phone: 400-620-6333
 - Email: Sale@aladdin-e.com
 - Web: <https://www.aladdin-e.com>