

SAFETY DATA SHEET

Version: v1
Revision Date: 2023-07-24
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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifiers

Product name : Tellurium dioxide
Product Number : T103865
Brand : aladdin
CAS-No. : 7446-07-3

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 : 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 : Tellurium(IV) oxide; tellurium oxide
Formula : TeO2
Molecular weight : 159.6
CAS No. : 7446-07-3

EC-NO. : 231-193-1

Component	Classification	Concentration
Tellurium dioxide		
	no data available	99.999% metals basis

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice

no data available

If inhaled

no data available

In case of skin contact

皮肤接触的情况下用肥皂和大量的水冲洗。

In case of eye contact

眼睛接触的情况下用水冲洗眼睛作为预防措施。

If swallowed

用水雾,耐醇泡沫,干粉或二氧化碳灭火。

4.2 Most important symptoms and effects, both acute and delayed

最重要的症状和影响,急性的和滞后的长期或频繁接触会导致: ,恶心,头痛,呕吐

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

防止粉尘的生成。防止吸入蒸汽、气雾或气体。

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

扫掉和铲掉。存放在合适的封闭的处理容器内。

6.2 Environmental precautions

不要让产品进入下水道。

6.3 Methods and materials for containment and cleaning up

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

丢弃处理请参阅第13节。

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。容器保持紧闭，储存在干燥通风处。

7.3 Specific end use(s)

常规的工业卫生操作。人身

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

Eyeface protection

no data available

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

no data available

Respiratory protection

no data available

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	733°C
f) Initial boiling point and boiling range	1245°C
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

强酸,强氧化剂

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

吸入可能有害。可能引起呼吸道刺激。

10.5 Incompatible materials

如服入是有害的。

10.6 Hazardous decomposition products

半致死剂量 (LD50) 经口- 大鼠- > 5,000 mg/kg 备注：腹泻

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

如果通过皮肤吸收可能是有害的。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

生殖细胞诱变无数据资料

Reproductive toxicity

化学物质毒性作用登记:WY2675000

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

对鱼类的半致死浓度 (LC50) - Fundulus heteroclitus - > 1,000 mg/l- 96 h

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

作为未用过的产品弃置。

SECTION 14: Transport information

DOT (US)

UN number: no data available

Packing group: -

Class: -

Proper shipping name: 无危险货物

Reportable Quantity(RQ): no data available

Poison Inhalation Hazard: 否

Environmental Hazards: 否

IMDG

UN number: no data available

Packing group: -

EMS-No: 否

Proper shipping name: 无危险货物

IATA

UN number: no data available

Packing group: -

Class: -

Proper shipping name: 无危险货物

SECTION 15: Regulatory information

no data available

SECTION 16: Other information

Further information

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