

Version: v1
Revision Date: 2023-11-14
Print Date: 2023-11-24

SAFETY DATA SHEET

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

1.1 Product identifiers

Product name : 5-Methoxypsoralen
Product Number : M101152
Brand : aladdin
CAS-No. : 484-20-8

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)



Danger

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled
H340 May cause genetic defects
H350 May cause cancer

Precautionary statement(s)

P201 Obtain special instructions before use.
P261 Avoid breathing dust/fume/gas/mist/vapors/spray.

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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

3.1 Substances

Synonyms	: 4-Methoxyfuro[3,2-g]benzopyrane-7-one Bergapten	
Formula	: C12H8O4	
Molecular weight	: 216.19	
CAS No.	: 484-20-8	
EC-NO.	: 207-604-5	
Component	Classification	Concentration
5-Methoxypsoralen		
	no data available	analytical standard , >98.0%

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice
Consult a physician.Show this safety data sheet to the doctor in attendance.Move out of dangerous area.

If inhaled
If breathed in, move person into fresh air.If not breathing, give artificial respiration.Consult a physician.

In case of skin contact
Wash off with soap and plenty of water.Consult a physician.

In case of eye contact
Flush eyes with water as a precaution.

If swallowed
Never give anything by mouth to an unconscious person.Rinse mouth with water.Consult a physician.

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
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

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Unsuitable extinguishing media

no data available

5.2 Special hazards arising from the substance or mixture

Hazardous decomposition products formed under fire conditions.- Carbon oxides

5.3 Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

5.4 Further information

no data available

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment.Avoid dust formation.Avoid breathing vapors, mist or gas.Ensure adequate ventilation.Evacuate personnel to safe areas.Avoid breathing dust.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so.Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

Pick up and arrange disposal without creating dust.Sweep up and shovel.Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with skin and eyes.Avoid formation of dust and aerosols.Provide appropriate exhaust ventilation at places where dust is formed.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place. Light sensitive.Store under inert gas.Keep in a dry place.

7.3 Specific end use(s)

no data available

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

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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

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching gloves outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection

Complete suit protecting against chemicals, 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 full-face particle respirator type N100 (US) or type P3 (EN 143) 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	190-193°C
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

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10.1 Reactivity

Stable under recommended storage conditions.

no data available

Exposure to light may affect product quality. Direct heating, dirt, chemical contamination, sunlight, UV or ionising radiation.

Strong oxidizing agents

Hazardous decomposition products formed under fire conditions.- Carbon oxides Other decomposition products - no data available

Oral LD50 LD50 Oral - rat - > 30,000 mg/kg

11.1 Information on toxicological effects

no data available

no data available

no data available

In vivo tests showed mutagenic effects

2A - Group 2A: Probably carcinogenic to humans (4-Methoxy-7H-furo[3,2-g][1]benzopyran-7- one)

no data available

no data available

Specific target organ toxicity - single exposure

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no data available
Specific target organ toxicity - repeated exposure May be harmful if inhaled.May cause respiratory tract irritation.May be harmful if inhaled.May cause respiratory tract irritation.
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 Offer surplus and non-recyclable solutions to a licensed disposal company.Contact a licensed professional waste disposal service to dispose of this material.Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Contaminated packaging Dispose of as unused product.
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SECTION 14: Transport information

DOT (US) UN number: no data available	Packing group: no data available	Class: no data available
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Proper shipping name: no data available Reportable Quantity(RQ): no data available Poison Inhalation Hazard: no data
Environmental Hazards: no data available

IMDG
UN number: no data available Packing group: no data available EMS-No: no data available
Proper shipping name: no data available

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

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

SECTION 16: Other information

Further information

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