

ALADDIN SCIENTIFIC CORPORATION  
14078 Meridian Parkway, Riverside, CA. 92518

# SAFETY DATA SHEET

Version: v1  
Revision Date: 2024-01-16  
Print Date: 2024-01-21

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

### 1.1 Product identifiers

Product name : Tebuconazole  
Product Number : T140395  
Brand : aladdin  
CAS-No. : 107534-96-3

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, Manufacture of substances.

### 1.3 Company

Company : ALADDIN SCIENTIFIC CORPORATION  
Address : 14078 Meridian Parkway,  
Riverside, CA. 92518  
Telephone : +1 (833) 552-7181  
Fax : no data available

### 1.4 Emergency telephone number

CHEMTREC®, Inside the USA : 1-800-424-9300  
CHEMTREC®, Outside the USA :

## 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

Warning

Hazard statement(s)

H302 Harmful if swallowed  
H331 Toxic if inhaled  
H361 Suspected of damaging fertility or the unborn child  
H401 Toxic to aquatic life

Precautionary statement(s)

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.  
P281 Use personal protective equipment as required.

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P311

Call a POISON CENTER or doctor/...

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

### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

Synonyms	: 1-(4-Chlorophenyl)-4,4-dimethyl-3-(1H-1,2,4-triazol-1-ylmethyl)-3-pentanol
Formula	: C16H22ClN3O
Molecular weight	: 307.82
CAS No.	: 107534-96-3
EC-NO.	: 403-640-2

Component	Classification	Concentration
Tebuconazole	no data available	97%

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

General advice

no data available

If inhaled

Transfer to fresh air If breathing stops, perform artificial respiration If symptoms appear, seek medical treatment.

In case of skin contact

Immediately remove/remove all contaminated clothing. Gently wash with plenty of soap and water. If skin irritation or rash occurs: seek medical attention/medical attention.

In case of eye contact

Carefully clean with water for a few minutes. If convenient and easy to operate, remove contact lenses. Continue cleaning. If eye irritation: seek medical attention/medical attention.

If swallowed

If you feel unwell, seek medical attention. Rinse your mouth.

#### 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

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Suitable extinguishing media

Water,Foam,Carbon dioxide (CO2),Dry powder

Unsuitable extinguishing media

no data available

## 5.2 Special hazards arising from the substance or mixture

no data available

## 5.3 Advice for firefighters

no data available

## 5.4 Further information

no data available

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## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Use special personal protective equipment (P3 filtering air respirator for toxic particles). Keep away from the spill/leakage and be upwind of the leakage area. The leakage area should be enclosed with safety belts, etc. to control the entry of non-related personnel.

### 6.2 Environmental precautions

Be careful not to discharge into rivers, etc. Because considering the negative impact on the environment.

### 6.3 Methods and materials for containment and cleaning up

Clean and collect dust, and seal it in a closed container. Be careful not to scatter. Attached or collected materials should be immediately disposed of in accordance with appropriate laws and regulations.

### 6.4 Reference to other sections

no data available

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Handle in a well ventilated area. Wear appropriate protective equipment. Prevent the spread of dust. Thoroughly clean hands and face after treatment. If dust or aerosols are generated, use local exhaust. Avoid contact with skin, eyes, and clothing.

### 7.2 Conditions for safe storage, including any incompatibilities

Keep the container tightly closed. Store in a cool and dark place.The storage area must be locked.Store away from incompatible materials such as oxidants.

### 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

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's 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. The selected protective gloves have to satisfy the specifications of Regulation (EU)2016/425 and the standard EN 374 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 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	6 at 20 °C (68 °F)
e) Melting point/freezing point	102 °C (216 °F)
f) Initial boiling point and boiling range	no data available
g) Flash point	> 100.00 °C (> 212.00 °F)
h) Evaporation rate	no data available
i) Flammability (solid, gas)	no data available

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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	1.250 g/cm <sup>3</sup> at 20 °C (68 °F)
n) Water solubility	no data available
o) Partition coefficient: n-octanol/water	no data available
p) Auto-ignition temperature	468 °C
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

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

no data available

### 10.2 Chemical stability

Stable under recommended storage conditions

### 10.3 Possibility of hazardous reactions

no data available

### 10.4 Conditions to avoid

oxidizing agent

### 10.5 Incompatible materials

no data available

### 10.6 Hazardous decomposition products

carbon monoxide , carbon dioxide , Nitrogen oxides (NO<sub>x</sub>) , Hydrogen chloride

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## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

Acute toxicity

no data available

Skin corrosion/irritation

no data available

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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

Aspiration hazard

no data available

Additional Information

no data available

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## SECTION 12: Ecological information

### 12.1 Toxicity

Fish: 96h LC50: 4.4 mg/L (Oncorhynchus mykiss) Crustaceans: 48h EC50: 4mg/L (uaphnia magna) Algae: 120hEC50: 2.73 mg/L (Selenastrum capricornutum) Bioaccumulation potential (BCF): 140 Mobility in soil Log water partition coefficient: 3.7 Soil absorption coefficient (Koc): 470-6000 Henry's law constant (PaM3/mol):

### 12.2 Persistence and degradability

Bioaccumulative potential (BCF): 140 soil

### 12.3 Bioaccumulative potential

Soil absorption coefficient (Koc): 470- 6000

### 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

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## SECTION 13:

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### 13.1 Disposal considerations

#### Product

Recycle to process, if possible. Consult your local regional authorities and an expert of disposal. You may be able to dissolve or mix material with a combustible solvent and little by little burn in a chemical incinerator equipped with an afterburner and scrubber system. If a large amount of the substance is burned at a time, an explosion may occur.

Observe all federal, state and local regulations when disposing of the substance.

#### Contaminated packaging

Dispose of as unused product.

## SECTION 14: Transport information

### DOT (US)

UN number: 3077

Packing group: III

Class: 9

Proper shipping name: no data available

Reportable Quantity(RQ): no data available

Poison Inhalation Hazard: no data available

Environmental Hazards: no data available

### IMDG

UN number: 3077

Packing group: III

EMS-No: no data available

Proper shipping name: no data available

### IATA

UN number: 3077

Packing group: III

Class: 9

Proper shipping name: no data available

## SECTION 15: Regulatory information

no data available

## SECTION 16: Other information

### Prepared By

Regulatory Affairs

ALADDIN SCIENTIFIC CORPORATION

Email: QualityAssurance@aladdinsci.com

### Creation Date

10-Sep-2020

### Revision Date

16-Jan-2024

### Print Date

21-Jan-2024

### Revision Summary

SDS sections updated v1

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