

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product name: Griseofulvin

Manufacturer: Chifeng Pharmaceutical Co., Ltd.

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Hongshan District, Chifeng, Inner Mongolia, China

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2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

According to Regulation (EC) No1272/2008

Skin sensitization (Category 1)

Carcinogenicity (Category 2)

Reproductive toxicity (Category 1B)

According to European Directive 67/548/EEC as amended.

May cause harm to the unborn child. May impair fertility. May cause sensitization by skin contact R40

Risk of serious damage to eye

Label elements

Hazard statement(s)

H317 May cause an allergic skin reaction.

H351 Suspected of causing cancer.

H360 May damage fertility or the unborn child.

Precautionary statement(s)

P201 Obtain special instructions before use.

P280 Wear protective gloves.

P308 + P313 IF exposed or concerned: Get medical advice/attention.

Hazard symbol(s)

T Toxic

R-phrases(s)

R61 May cause harm to the unborn child.

R60 May impair fertility.

R43 May cause sensitization by skin contact.

R40 Risk of serious damage to eye.

S-phrase(s)

S45 In case of accident or if you feel unwell, seek medical advice immediately(show the label where possible).

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

S22 Do not breathe dust.

Restricted to professional users.

Other hazards

Photosensitizer.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms : (2S)-trans-7-Chloro-2',4,6-trimethoxy-6'-methylspiro(benzofuran-2[3H],1'-[2]cyclohexene)-3,4'-dione

Formula : C₁₇H₁₇ClO₆

Molecular Weight : 352,77 g/mol

CAS-No.	EC-No.	Index-No.	Classification	Concentration
Griseofulvin				
126-07-8	204-767-4	-	Skin Sens. 1; Carc. 2; Repr. 1B; H317, H351, H36 T, R61 - R60 - R43 - R40	-

For the full text of the H-Statements mentioned in this Section, see Section 16.

4. FIRST AID MEASURES

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

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

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed

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

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

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

Special protective equipment for fire-fighters

Wear self contained breathing apparatus for fire fighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Use personal protective equipment. Avoid dust formation. Avoid breathing dust. Ensure adequate ventilation.

Evacuate personnel to safe areas.

Environmental precautions

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

Methods and materials for containment and cleaning up

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

7. HANDLING AND STORAGE

Precautions for safe handling

Avoid formation of dust and aerosols. Avoid exposure - obtain special instructions before use.

Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

Conditions for safe storage

Store in cool place. Keep container tightly closed in a dry and well-ventilated place and protect from light.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal protective equipment

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator appropriate 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.

Hand protection

Handle with gloves.

The selected protective gloves have to satisfy the appropriate specifications.

Eye protection

Face shield and safety glasses.

Skin and body protection

Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form: powder.

Safety data

Melting point: 217 - 224°C

Boiling point no data available

Flash point no data available

Ignition temperature no data available

Lower explosion limit no data available

Upper explosion limit no data available

Water solubility no data available

10. STABILITY AND REACTIVITY

Chemical stability

Stable under recommended storage conditions.

Conditions to avoid

no data available

Materials to avoid

Strong oxidizing agents

Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. - Carbon oxides, Hydrogen chloride gas

11. TOXICOLOGICAL INFORMATION

Acute toxicity

LD50 Oral - rat - 10.000 mg/kg

Skin corrosion/irritation

no data available

Serious eye damage/eye irritation

no data available

Respiratory or skin sensitization

May cause allergic skin reaction.

Germ cell mutagenicity

no data available

Carcinogenicity

This product is or contains a component that has been reported to be possibly carcinogenic based on its IARC,

ACGIH, NTP, or EPA classification.

Limited evidence of carcinogenicity in animal studies

IARC: 2B - Group 2B: Possibly carcinogenic to humans (Griseofulvin)

Reproductive toxicity

May cause congenital malformation in the fetus.

Presumed human reproductive toxicant

May cause reproductive disorders.

Specific target organ toxicity - single exposure

No data available

Specific target organ toxicity - repeated exposure

No data available

Aspiration hazard

No data available

Potential health effects

Inhalation May be harmful if inhaled. May cause respiratory tract irritation.

Ingestion May be harmful if swallowed.

Skin May be harmful if absorbed through skin. May cause skin irritation.

Eyes May cause eye irritation.

Signs and Symptoms of Exposure.

Anorexia., Diarrhoea, Nausea, Vomiting, Rash, Headache

12. ECOLOGICAL INFORMATION

Toxicity

No data available

Persistence and degradability

No data available



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Bioaccumulative potential

No data available

Mobility in soil

No data available

PBT and vPvB assessment

No data available

Other adverse effects

No data available

13. DISPOSAL CONSIDERATIONS**Product**

Observe all federal, state, and local environmental regulations. 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.

14. TRANSPORT INFORMATION**ADR/RID**

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

15. REGULATORY INFORMATION

This safety datasheet complies with the appropriate requirements.

16. OTHER INFORMATION**Text of H-code(s) and R-phrases mentioned in Section 3**

Carc. Carcinogenicity

H317 May cause an allergic skin reaction.

H351 Suspected of causing cancer.

H360 May damage fertility or the unborn child.

Repr. Reproductive toxicity

Skin Sens. Skin sensitization

T Toxic

R40 Risk of serious damage to eye.

R43 May cause sensitization by skin contact.

R60 May impair fertility.

R61 May cause harm to the unborn child.

Further information

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

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applicable to the product with regard to appropriate safety precautions. It does not represent any
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damage resulting from handling or from contact with the above product.