



Material Safety Data Sheet

1. Identification of the Substance/Mixture and of the Company

Product Name: Polygonum Cuspidatum Extract

CAS No: [501-36-0]

Molecular Formula: C₁₄H₁₂O₃

Molecular Weight : 228.24

Manufacturer: ChangSha Huir Biological-tech Co., Ltd

Add: Fl 20 Jindan Building, Longping High-tech Park, Furong, Changsha, Hunan, China, 410126

Tel : 86-731-84686626 **Fax:** 86-731-84152788 **E-mail:** info@phyhuir.com

2. Composition/Information on Ingredients

Chemical Name	CAS No.	Percent(by weight)
5-(4-hydroxystyryl)benzene-1,3-diol	501-36-0	98%

Hazardous Components (Chemical Name): CAS#	percentage	OSHA PEL	ACGIH TLV	Other Limits
		No data	No data	No data

3. Hazards Identification

Emergency Overview: Irritant. Irritating to respiratory system and skin. Risk of serious damage to eyes.

This product should not present a health hazard when used under reasonable conditions.

Route(s) of Entry: Inhalation? Yes Skin? Yes Eyes? Yes Ingestion? Yes Other: injection

Potential Health Effects (Acute and Chronic): Material may be irritating to the mucous membranes and upper respiratory tract

My be harmful by inhalation, ingestion, or skin absorption.

My cause eye, skin, or respiratory system irritation.

The toxicological properties of this compound have not been fully evaluated.

Signs and Symptoms Of Exposure: No data available.

4. First Aid Measures

Eye: In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes

Skin: In case of contact, immediately wash skin with soap and copious amounts of water.

Ingestion: If swallowed, wash out mouth with water provided person is conscious. Call a physician.

Inhalation: If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

Fire Fighting Measures



Flash Pt: No data available

Explosive Limits: LEL:NO data , UEL : No data available

Autoignition Pt: No data available

5. Fire Fighting Instruction:

As in any fire, wear self-contained breathing apparatus ressure–damand (MSHA/NIOSH approved or equivalent), and full protective gear to prevent contact with skin and eyes.

Flammable Properties and Hazards:

Emits toxic fumes under fire conditions.

Extinguishing Media:

Use alcohol foam , carbon dioxide , or water spray when fighting fires involving this material.

Unsuitable Extinguish Media: No data available

6. Accidental Release Measures

Steps to be taken in case material is Released or spilled:

Wear a NIOSH/MSHA approved self-contained breathing apparatus and appropriate personal Wear a NIOSH/MSHA approved self-contained breathing apparatus and appropriate personal protection (rubber boots, safety goggles, and heavy rubber gloves). Vacuum or sweep up material and place in disposal container. Avoid raising dust. After removal, ventilate contaminated area and flush thoroughly with water.

7. Handling and Storage

Hazard Label Information:

Avoid contact with skin and eyes. Do not reuse this container. Use with adequate ventilation. Wash thoroughly after handling.

Storage:

Store below -20℃, Sealed in cool, dry and lucifugal place

8. Exposure Controls/Personal Protection

Protective Equipment Summary – Hazard:

Eye wash station in work area Lab coat Latex disposable gloves

Label Information:

Safety glasses Safety shower in work area Vent Hood

Respiratory Equipment (Specify Type):

No data available

Eye Protection:

Safety glasses

Protective Gloves:

Latex disposable gloves

Other Protective Clothing:

Tel: 86-731-84686909 Fax: 86-731-84152788 Zip Code: 410126

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[HTTP://WWW.PHYHUIR.COM](http://www.phyhuir.com)

E_mail: info@phyhuir.com



Lab coat

Engineering Controls (Ventilation etc.):

Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

Work/Hygienic/Maintenance Practices:

Do not take internally. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Wash thoroughly after handling.

9. Physical and Chemical Properties

Physical State: Powder

Color: White

Odor: -

Boiling Point: -

Melting Point: 253-255°C

Vapor Pressure: -

Specific Gravity: -

pH: -

Solubility in Water: -

Flash Point: -

Autoignition Temperature: -

Decomposition Temperature: -

10. Stability and Reactivity

Chemical Stability: stable

Conditions To Avoid – Instability: protect from moisture

Incompatibility - Materials To Avoid: strong oxidizing agents

Hazardous Decomposition Or Byproducts: carbon dioxide carbon monoxide

Hazardous Polymerization: Will not occur

11. Toxicological Information:

Toxicological Information:

The toxicological effects of this compound have not been thoroughly studied.

Carcinogenicity/Other Information:

No data available

12. Ecological Information

Ecological Information:

Runoff from fire control or dilution water may cause pollution.

13. Disposal Considerations

Disposal Considerations:



Contact a licensed professional waste disposal service to dispose of this material in a manner consistent with federal, state and local environmental regulations.

14. Transport Information

Hazards identification :

None

Suggestion according to IATA DGR:

The substance is not subject to IATA DGR

Packaging requirements:

The goods are packaged according to the packaging requirement of ordinary goods.

15. Regulatory Information

R-Phrases: 1.Irritating to respiratory system.

2.Irritating to skin.

3.Risk of serious damage to eyes.

S-Phrases: 1.In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

2.Wear eye/face protection.

16. Other Information

The information above is believed to be accurate but does not suppose to be all inclusive and shall be used only as a guide. Huir makes no warranty of merchantability or any other warranty, express or implied, with respect to such information. Users should make their own investigations to determine the accountability of the information for their purposes in particular. In no way shall Huir be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential of exemplary damages, howsoever arising, even if Huir has been advised of the possibility of such damages