

## MATERIAL SAFETY DATA SHEET

### 1. Product Identification

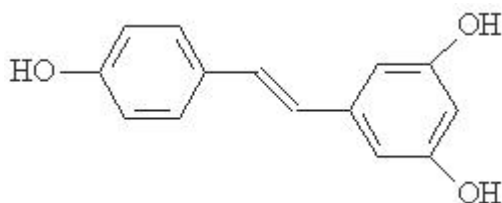
1.1---Product Name: Resveratrol

1.2---Synonyms: Giant knotweed extract, Polygonum cuspidatum extract, trans-resveratrol.

1.3---Molecular Weight:228.34

1.4---Chemical Formula: C<sub>14</sub>H<sub>12</sub>O<sub>3</sub>

1.5---Structure Formula:



(Resveratrol)

### 2. Composition

Resveratrol  $\geq$  98%(assay by HPLC)

### 3. Hazards Identification

3.1---As industrial and personal hygiene and safety procedures, avoid all unnecessary exposure to the chemical substance and ensure prompt removal from eyes and clothing.

### 4. First Aid Measurers

4.1---Eyes contact: Immediately flush with plenty of water.

4.2---Inhalation: No data available

4.3---Ingestion: If large amounts were swallowed, give water to drink. If necessary, get medical advices.

4.4---Skin Contact: Not a skin irritant. Prolonged contact may cause mild transient irritation for some sensitive people. When skin contact is evident, flush area with water. Sensitive people should handle product with gloves.

### 5. Transport ,Handing and Storages Information

5.1---Keep in a tightly closed container, stored in a cool, dry area, keep away from direct strong light.

### 6. Personal Protection

6.1---Airborne exposure limits: No data available

6.2---Ventilation system: In general, dilution ventilation is a satisfactory health hazard

control for the substance. However, if conditions of use create discomfort to the worker, a local exhaust system should be considered.

6.3---Personal respirators(NIOSH Approved): For conditions of use where exposure to the dust or mist is apparent, a half-face dust/mist respirator may be worn.

6.4---Eye Protection: Safety glasses

## **7. Physical and Chemical Properties**

7.1---Appearance: Uniform fine powder

7.2---Odor: Light aromatic smell

7.3---Color: off white to white powder

7.4---Taste: Astringent

7.5---Solubility: Not Soluble in Water

7.6---Melting point:253-255°C

7.7---Particle size: 100% thru a #80 mesh screen

## **8. Stability and Reactivity**

8.1---Stability: Stable under ordinary conditions of use and storages

8.2---Incompatibilities: Strong Oxidizers

## **9. Toxicological Information**

9.1---High toxicity: No toxicity

9.2---Chronic toxicity: No toxicity

## **10. Regulatory Information**

10.1---No specific information is available

## **11. Other Information**

This data sheet and recommendations presented in this data sheet concerning the use of our product and the materials contained therein are believed to be accurate. However, the customer should determine the suitability of such materials for his or her purpose before adopting them on a commercial scale. Since the use of our products by others is beyond our control, no guarantee, expressed or implied, is made and no responsibility assumed for the use of this material or the results to be obtained therefrom.