



# Xi'an Quanao Biotech Co., Ltd.

B-1604 JunCheng Guo Ji, TaiYuan Road, WeiYang District, Xi'an China

Tel:+86 29 86719484

Fax:+86 29 86719484

## ***Material Safety Data Sheet***

### Section 1 - Chemical Product and Company Identification

**MSDS Name:** cycloastragenol 98%

**Brand:** Quanao

**Company Identification:**

Xi'an Quanao Biotech Co., Ltd.

JunCheng Guo Ji, Taiyuan Road, Weiyang District, Xi'an,  
710016, Shaanxi, China

Phone + 86-029-86719484

Fax + 86-029-86719484

### Section 2 - Composition, Information on Ingredients

CAS#	Chemical Name	Percent
84605-18-5	Cycloastragenol 98%	98.0~101.0

### Section 3 - Hazards Identification

**Hazardous in case of eye contact (irritant), of ingestion, of inhalation.**

**Carcinogenic Effects:** Not available

**Mutagenic Effects:** Not Available

**Teratogenic Effects:** Not Available

**Developmental Toxicity:** Not Available

### Section 4 - First Aid Measures

**Eye Contact:** In case of eye contact, immediately flush eyes with plenty of water for at least 15 minutes.

**Inhalation:** IF a person breathes in large amounts, move the exposed person to fresh air, then seek immediately medical attention.

**Ingestion:** Wash out mouth thoroughly with water. In severe cases seek immediately medical attention.



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## Section 5 - Fire Fighting Measures

**Flammability of the product:** Maybe combustible at high temperature

**Auto ignition temperature:** Not available

**Flash points:** Not available

**Flammable limits:** Not available

**Products of combustion:** These products are carbon oxides (CO,CO2...), Nitrogen oxides (NO,NO2...)

**Fire hazards in presence of various substances:** Not available

**Explosion hazards in presence of various substances:** Not available

**Fire fighting media and instructions:** Small fire- use dry chemical powder. Large fire-use water spray,fog or foam, don't use water jet.

**Special remarks on fire hazards:** Fine powder forms flammable and explosive mixtures in air.

**Special remarks on explosion hazards:** Not available

## Section 6 - Accidental Release Measures

Wear appropriate protective clothing.

Carefully sweep up and dispose of in accordance with local regulations.

For large spillages liquids should be contained with sand or earth and both liquids and solids transferred to salvage containers. Any residues should be treated as for small spillages.

## Section 7 - Handling and Storage

**Handling:** User Exposure. Avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

**Storage:** 2-8°C, sealed away from light and stored at low temperature

## Section 8 - Exposure Controls, Personal Protection

**As appropriate to the situation and the quantity handled.**

- **Respirator:** Dust respirator
- **Ventilation:** Extraction hood
- **Gloves:** Rubber or plastic
- **Eye Protection:** Goggles or face-shield



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- **Other Precautions:** Plastic apron, sleeves, boots - if handling large quantities

## Section 9 - Physical and Chemical Properties

**Appearance:** White powder

**Odor:** No information found.

**Solubility:** Water(very slightly soluble 1:10000), methyl alcohol(appreciably soluble 1:100), Alcohol(slightly soluble 1:1000), n-butyl alcohol(slightly soluble 1:100), ethyl acetate(slightly soluble 1:100) light petroleum(not soluble >10000)

**Relative density (water in 1) :** 1.2 g/cm<sup>3</sup>

**Flash point (°C) :** 327.1°C

**pH:** No information found.

**% Volatiles by volume @ 21C (70F):** 0

**Boiling Point:** No information found.

**Melting Point:** 195-196°C

**Vapor Density (Air=1):** Not applicable.

**Vapor Pressure (mm Hg):** Not applicable.

**Evaporation Rate (BuAc=1):** No information found.

## Section 10 - Stability and Reactivity

**Stability:** Stable under ordinary conditions of use and storage. Hazardous Decomposition Products: Oxides of nitrogen, ammonia, carbon monoxide, carbon dioxide.

**Hazardous Polymerization:** Will not occur.

**Incompatibilities:** No information found.

**Conditions to Avoid:** Heat, humidity.

## Section 11 - Toxicological Information

May be harmful if ingested in quantity. Irritating to eyes. Widely distributed in animal and plant cells.

Further data:

LD50 5000 mg/kg oral, mouse.

No evidence of carcinogenic properties. No evidence of mutagenic or teratogenic effects.



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## Section 12 - Ecological Information

No environmental hazard is anticipated provided that the material is handled and disposed of with due care and attention.

## Section 13 - Disposal Considerations

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

## Section 14 - Transport Information

	US DOT	Canada TDG
<b>Shipping Name:</b>	Not regulated.	Not regulated.
<b>Hazard Class:</b>		
<b>UN Number:</b>		
<b>Packing Group:</b>		

## Section 15 - Regulatory Information

### Labelling according to EC directives

**Symbol:**

**R-phrases:**

**S- phrases:**

**EC-NO:** 200-725-EC-NO:200-725-4

LOCAL REGULATIONS

## Section 16 - Additional Information

**Label Hazard Warning:** As part of good industrial and personal hygiene and safety



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- procedure, avoid all unnecessary exposure to the chemical substance and ensure prompt removal from skin, eyes and clothing.
- Label Precautions:** During use avoid contact with eyes, skin, clothing. Wash thoroughly after handling. When not in use keep in tightly closed container.
- Label First Aid:** Not applicable.
- Revision Information:** Ver1.0 Feb.18, 2010

*The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes.*