

MATERIAL SAFETY DATA SHEET**MILK THISTLE EXTRACT- ETHANOL SOLUBLE.****1. IDENTIFICATION OF SUBSTANCE**

- Product Name and Synonym: Milk Thistle Extract 80.0%UV Silymarin, 30.0%HPLC (Silybin+Isosilybin)
- Product grade: Pharmaceutical grade
- Company Name: Shaanxi Yougu Biotechnology Co., Ltd
- Company Address: No.1589#, Zhuque South Rd, Xi'an, China
- Date Issued: 02/10/2018
- Emergency Telephone Number: Chemtrec Tel: (+86)029-85390089
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2. COMPOSITION/INFORMATION ON INGREDIENTS

- Chemical Identity: Milk Thistle Extract 80.0%UV Silymarin, 30.0%HPLC (Silybin+Isosilybin)
- Composition/Description: All materials used in this product are non-toxic and conform to the Toxic Substances Control Act and may be found in the FDA's Generally Regarded as Safe list. No materials used are listed by California's Proposition 65 as carcinogens or reproductive toxicants. The specific chemical identities of the ingredients in this mixture are considered to be trade secrets, and are withheld in accordance with the provisions of 1910.1200 of Title 29 of the Federal Code of Regulations.

3. IDENTIFICATION OF THE HAZARDS

- Hazardous Components: Ethyl alcohol solution CAS #64-17-5 Irritant/Flammable Material
Routes of Entry: Skin, Ingestion, Inhalation
Eye Contact: Undiluted liquid maybe irritating to eyes
Skin Contact: Undiluted liquid may be irritating to skin, Prolonged or repeated skin contact may cause allergic dermatitis.

4. FIRST AID MEASURES

- First aid measures / general information: After adequate first aid, no further treatment is required unless symptoms reappear.
- Eye Contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.
- Skin Contact: In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.
- Serious Skin Contact: Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek medical attention.
- Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
- Serious Inhalation: Not available.
Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.
- Serious Ingestion: Not available.

5. FIRE AND EXPLOSION DATA

- Flammability of the Product: May be combustible at high temperature.
- Auto-Ignition Temperature: Not available.
- Flammable Limits: Not available.
- Products of Combustion: Not available.
- Fire Fighting Media and Instructions:
SMALL FIRE: Do not use direct water stream. May spread fire; Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.
- Special Remarks on Fire Hazards: Not available.
- Special Remarks on Explosion Hazards: Not available.

6. ACCIDENTAL RELEASE MEASURES

- Environmental precautions: Notify authorities if large amounts of product enters sewer.
- Methods for cleaning up / taking up: Small spills: Cover with absorbent material, soak up and sweep into a drum. Large spills: Dike around spill and pump into suitable containers.
- Protect People: OSHA approved chemical resistant gloves and safety glasses should be worn. Chemical resistant clothing may also be worn as an added precaution. If desired, use a NIOSH approved respirator.

7. HANDLING AND STORAGE

Precautions for safe handling:	Wear safety glasses. Keep away from oxidizing agents, excessive heat and sources of ignition.
Conditions for safe storage:	Keep container tightly closed in a dry and well ventilated place
Recommended storage temperature:	Keep container tightly closed. Keep container in a cool, well-ventilated area. Do not store above 30°C (86°F).

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

- Engineering Controls: Have eye wash stations available near workstations
- Personal Protection:
Eye: OSHA approved safety glasses should be worn.
Skin/Body: Chemical resistant clothing and gloves may be worn.
Respiratory: Not needed under normal conditions of use. Use adequate ventilation or NIOSH-approved respiratory devices if required for application.
Ventilation: Handle in well ventilated areas.
Other: Evaluate need based on application. Slip proof shoes may be worn where spills may occur.
Work/Hygiene Practice: Normal work and hygiene practices for handling chemicals

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Powder
Color:	Light yellow brown fine powder
Odor:	Characteristic
Data relevant to safety:	Avoid strong oxidizing agents.
Boiling point (°C):	NA

Melting point (°C):	NA
Flash point(°C):	NA
Flammable limits(°C):	NA
Self-flaming(°C):	NA
Explosion limits(°C):	NA
Combustion properties:	NA
Vapor pressure (mm Hg):	NA
Refractive index (20°C):	NA
Density, g/cm3 (20°C):	NA
Solubility other:	NA
Sharing coefficient:	NA

10. STABILITY AND REACTIVITY DATA

Chemical stability:	Stable under recommended storage conditions.
Conditions to avoid:	Extreme heat
Materials to avoid:	None
Hazardous decomposition products:	None
Hazardous polymerization:	Will not occur

11. TOXICOLOGICAL INFORMATION

Signs and Symptoms of Exposure: Irritation of skin an eyes; dizziness or lightheadedness; nausea or vomiting.

Irritancy:	Skin: May be an irritant	
	Eyes: May be an irritant	
Carcinogenicity:	NTP: No	IARC: No OSHA Regulated: No

12. ECOLOGICAL INFORMATIONS

Toxicity:	No data available
Persistence and degradability:	No data available
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

Waste Disposal Methods:	Do not put into sewer lines. Dispose of according to local, state and federal regulations.
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14. TRANSPORT INFORMATION

DOT (US):	Not dangerous goods
IMDG:	Not dangerous goods
IATA:	Not dangerous goods



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15. REGULATORY INFORMATION

OSHA Hazards: None

16. DISCLAIMER

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