



Changsha Staherb Natural Ingredients Co., Ltd.
Add: No.186, Lugu Valley Garden Road, High-tech Development Zone, Changsha, China(410205)
TEL: 0086-731-84213302 FAX: 0086-731-85953715

Material Safety Data Sheet

Section 1 – Identification of the Substance / Preparation, and of the Company

Product Name/ Trade Name	Amygdalin	CAS#	29883-15-6
Manufacturer	Changsha Staherb Natural Ingredients Co., Ltd. Add: No.186, Lugu Valley Garden Road, High-tech Development Zone, Changsha, China(410205)	Emergency Phone	86-731-84213302
		Information Phone	86-731-84213302
		Fax	86-731-85953715
		Date Prepared	March 6th, 2013
		Preparer (optional)	AVT
Uses: Health foods.			
Uses Advised Against: None			

Section 2 – Hazards Identification:

GHS Classification

PH Value	/
Melting point	/
Boiling Point	/
Igniting point	/
Flash Point	/
Explosion Point	/
Density	/
Solubility	Soluble in water.

Section 3 – Composition / Information on Ingredients

Components	CAS Number	EC No	Concentration
Amygdalin	29883-15-6	249-925-3	98%

Section 4 – First Aid Measures

Ingestion	Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.
Skin Contact	After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cold water may be used. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.
Eye Contact	Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Do not use an eye ointment. Seek medical attention.
Additional Information	Note to physician: Treat symptomatically.

Section 5 – Fire Fighting Measures

Flammability of the Product: May be 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).
Fire Hazards in Presence of Various Substances: Not available.
Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.
Fire Fighting Media and Instructions:
SMALL 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.

Section 6 – Accidental Release Measures

Small Spill:	Use appropriate tools to put the spilled solid in a convenient waste disposal container. If necessary: Neutralize the residue with a dilute solution of sodium carbonate. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
Large Spill:	Use a shovel to put the material into a convenient waste disposal container. Neutralize the residue with a dilute solution of sodium carbonate. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

Section 7 – Handling and Storage

Precautions for safe handling	Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.
Conditions for safe storage	Keep container tightly closed in a dry and well-ventilated place. Keep in a dry place.

Section 8 – Exposure Controls/ Personal Protection

Engineering Controls:	Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.
Personal Protection:	Splash goggles. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.
Personal Protection in Case of a Large Spill:	Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.
Exposure Limits:	Not available.
Additional	None

Section 9 – Physical and Chemical Properties

Form: Fine Powder
Color: White
Odor: Characteristic
PH: no data available
Boiling Point: no data available
Critical Temperature: Not available.
Specific Gravity: Not available.
Vapor Pressure: Not applicable.
Vapor Density: Not available.
Volatility: Not available.
Odor Threshold: Not available.
Water/Oil Dist. Coeff.: Not available.
Ionicity (in Water): Not available.
Solubility in water: Soluble in water

Section 10 – Stability and Reactivity

Stability:	Stable under recommended storage conditions.
Instability Temperature:	Not available.
Materials to Avoid	Strong oxidizing agents, strong reducing agents, strong bases.
Hazardous Decomposition Products	Hazardous decomposition products formed under fire conditions.- Carbon oxides.
Incompatibility with various substances:	Not available
Special Remarks on Reactivity:	Not available
Special Remarks on Corrosivity:	Not available
Polymerization:	No.

Section 11 – Toxicological Information

Acute toxicity
LD50 Intraperitoneal - mouse - > 182 mg/kg

Irritation and corrosion
no data available

Sensitisation
no data available

Chronic exposure
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
Genotoxicity in vitro - Hamster - ovary
Cytogenetic analysis
Reproductive toxicity - Mammal - Oral
Maternal Effects: Uterus, cervix, vagina.

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.



Changsha Staherb Natural Ingredients Co., Ltd.
Add: No.186, Lugu Valley Garden Road, High-tech Development Zone, Changsha, China(410205)
TEL: 0086-731-84213302 FAX: 0086-731-85953715

Section 12 – Ecological Information

Ecotoxicity:	Not available.
BOD5 and COD:	Not available.
Products of Biodegradation:	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Toxicity of the Products of Biodegradation:	The product itself and its products of degradation are not toxic.
Special Remarks on the Products of Biodegradation:	Not available.

Section 13 – Disposal Considerations

Product	Offer surplus and non-recyclable solutions to a licensed disposal company.
Contaminated packaging	Dispose of as unused product.

Section 14 – Transport Information

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

Section 15 – Regulatory Information

Classifications: WHMIS (Canada): Not controlled under WHMIS (Canada). DSCL (EEC): R36/38- Irritating to eyes and skin. S24/25- Avoid contact with skin and eyes. S28- After contact with skin, wash immediately with plenty of [***] S37- Wear suitable gloves. S45- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Protective Equipment: Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Splash goggles.

Section 16 – Other Information

Other Special Considerations: Not available. Disclaimer The information above is based on our present knowledge. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. Users should make their own investigations to determine the suitability of the information for their particular purposes.
