

Hangzhou New Asia International Co., Ltd

Add: 189 FengQi East Road, TSN Plaza 4-706, Hangzhou, Zhejiang, 310020, P.R. China

MATERIAL SAFETY DATA SHEET

Rhubarb Extract

SECTION 1. Product and Company Identification

Product Name: Rhubarb Extract

Manufacturer Information

Company Name: Hangzhou New Asia International Co., Ltd.
Emergency Contact: Hangzhou New Asia International Co., Ltd. 0086-571-85815391
Information: Hangzhou New Asia International Co., Ltd.



Chemical Family: /
CAS Number: 518-82-1
Synonyms: No data.

SECTION 2. Composition/Information on Ingredients

Hazardous Components (Chemical Name)	CAS #	Percentage	OSHA PEL	ACGIH TLV	Other Limits
Rhubarb	518-82-1	/	No data.	No data.	No data.

SECTION 3. Hazards Identification

Emergency Overview: No data available.
Route(s) of Entry: Inhalation? Yes Skin? Yes Eyes? Yes Ingestion? Yes Other: Injection
Material may be irritating to the mucous membranes and upper respiratory tract.
Potential Health Effects (Acute and Chronic): May be harmful by inhalation, ingestion, or skin absorption.
May 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.

SECTION 4. First Aid Measures

If inhaled remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Get immediate medical attention.
If swallowed, wash out mouth with water provided person is conscious. Never give anything by mouth to an unconscious person. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel.

Emergency and First Aid Procedures:

In case of contact with eyes, hold eyelids apart and flush eyes with plenty of water. After initial flushings, remove any contact lenses and continue flushing for at least 20 minutes. Have eyes examined and tested by medical personnel.

In case of skin contact, immediately wash skin with soap and plenty of water. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.

SECTION 5. Fire Fighting Measures

Flash Pt: No data.
Explosive Limits: LEL: No data. UEL: No data.
Autoignition Pt: No data.
Fire Fighting Instructions: As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent), and full protective gear to prevent contact with skin and eyes.

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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 Extinguishing Media:	No data available.

SECTION 6. Accidental Release Measures

Wear a NIOSH/MSHA approved self-contained breathing apparatus and appropriate personal protection (rubber boots, safety goggles, and heavy rubber gloves).

Steps To Be Taken In Case Material Is Released Or Spilled:	Vacuum or sweep up material and place in disposal container.
	Avoid raising dust.

After removal, ventilate contaminated area and flush thoroughly with water.

SECTION 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.
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Avoid breathing (dust, vapor, mist, gas).
Avoid contact with eyes, skin, and clothing.
Avoid prolonged or repeated exposure.

Precautions To Be Taken in Handling:	Do not reuse this container.
	Use with adequate ventilation.
	Wash thoroughly after handling.

Precautions To Be Taken in Storing:	Keep tightly closed.
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Store at correct temperature.

SECTION 8. Exposure Controls/Personal Protection

Protective Equipment Summary – Hazard Label Information:	Eye wash station in work area Lab coat Latex disposable gloves Safety glasses Safety shower in work area Vent Hood
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Respiratory Equipment (Specify Type):	No data available.
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Eye Protection:	Safety glasses
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Protective Gloves:	Latex disposable gloves
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Other Protective Clothing:	Lab coat
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Engineering Controls (Ventilation etc.):	Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.
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Do not take internally.

Work/Hygienic/Maintenance Practices:	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.
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Wash thoroughly after handling.

SECTION 9. Physical and Chemical Properties

Physical States:	<input type="checkbox"/> Gas <input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Solid
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Melting Point:	No data.
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Boiling Point:	No data.
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Autoignition Pt:	No data.
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Flash Pt:	No data.
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Explosive Limits:	LEL: No data. UEL: No data.
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Specific Gravity (Water = 1):	No data.
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Vapor Pressure (vs. Air or mm Hg):	No data.
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Vapor Density (vs. Air = 1):	No data.
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Evaporation Rate (vs Butyl Acetate=1):	No data.
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Solubility in Water: Soluble in water.
Other Solubility Notes: EtOH, DMSO, MeOH
Percent Volatile: N.A.
Corrosion Rate: No data.
Formula: No data.
pH: No data.
Appearance and Odor: Yellow Brown Powder Characteristic Odor

SECTION 10. Stability and Reactivity

Stability: Unstable [] Stable [X]
Conditions To Avoid - Instability: protect from moisture
Incompatibility - Materials To Avoid: strong oxidizing agents
Hazardous Decomposition Byproducts: Or carbon dioxide carbon monoxide
Hazardous Polymerization: Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Polymerization: No data available.

SECTION 11. Toxicological Information

Toxicological Information: The toxicological effects of this compound have not been thoroughly studied.
Carcinogenicity/Other Information: No data available.
Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

SECTION 12. Ecological Information

Ecological Information: Runoff from fire control or dilution water may cause pollution.

SECTION 13. Disposal Considerations

Waste Disposal Method: Dispose in accordance with local, state and federal regulations.

SECTION 14. Transport Information

LAND TRANSPORT (US DOT)

DOT Proper Shipping Name: No data available.

Additional Transport Information: Transport in accordance with local, state, and federal regulations.

SECTION 15. Regulatory Information

US EPA SARA Title III

Hazardous Components (Chemical Name)	CAS #	Sec.302 (EHS)	Sec.304 RQ	Sec.313 (TRI)	Sec.110
Rhubarb Extract	518-82-1	No	No	No	No

US EPA CAA, CWA, TSCA

Hazardous Components (Chemical Name)	CAS #	EPA CAA	EPA CWA NPDES	EPA TSCA	CA PROP 65
Rhubarb Extract	518-82-1	No	No	No	No

SARA (Superfund Amendments and Reauthorization Act of 1986) Lists:

Sec.302: EPA SARA Title III Section 302 Extremely Hazardous Chemical with TPQ. * indicates 10000 LB TPQ if not volatile.
Sec.304: EPA SARA Title III Section 304: CERCLA Reportable + Sec.302 with Reportable Quantity. ** indicates statutory RQ.
Sec.313: EPA SARA Title III Section 313 Toxic Release Inventory. Note: -Cat indicates a member of a chemical category.
Sec.110: EPA SARA 110 Superfund Site Priority Contaminant List

TSCA (Toxic Substances Control Act)

110:
5A(2): Chemical Subject to Significant New Rules (SNURS)
6A: Commercial Chemical Control Rules
8A: Toxic Substances Subject To Information Rules on Production

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8A CAIR:	Comprehensive Assessment Information Rules - (CAIR)
8A PAIR:	Preliminary Assessment Information Rules - (PAIR)
8C:	Records of Allegations of Significant Adverse Reactions
8D:	Health and Safety Data Reporting Rules
8D TERM:	Health and Safety Data Reporting Rule Terminations

Other Important Lists:

CWA NPDES:	EPA Clean Water Act NPDES Permit Chemical
CAA HAP:	EPA Clean Air Act Hazardous Air Pollutant
CAA ODC:	EPA Clean Air Act Ozone Depleting Chemical (1=CFC, 2=HCFC)
CA PROP 65:	California Proposition 65

SECTION 16. Other Information

Additional Information About This Product: For Function food, Pharmaceutical, Beverage, Cosmetic industry use.

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Company Policy or Disclaimer

DISCLAIMER: This information 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.