



SAFETY DATA SHEET (SDS)

Prepared in accordance with the Globally Harmonized System (GHS) and Regulation (EC) No. 1907/2006 (REACH, as amended)

SECTION 1: Identification of the Substance and Company

Product Name: Rhubarb Absolute Extract
INCI Name: Rhubarb Root Extract
CAS No.: 8016-55-5
EC No.: Not Assigned
Product Type: Natural Botanical Absolute Extract
Plant Part Used: Root
Extraction Method: Solvent Extraction
Country of Origin: China

Recommended Use

- Fine Fragrance
- Cosmetic Ingredient
- Personal Care Products
- Soap and Candle Fragrance
- Professional Perfumery Applications

Supplier

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SECTION 2: Hazard Identification

Classification (GHS/CLP)

Although this material is not generally classified as hazardous under normal conditions of use, concentrated botanical extracts should be handled with appropriate precautions.

- Skin Sensitization – Category 1
- Eye Irritation – Category 2
- Aquatic Chronic Toxicity – Category 3

Signal Word



Warning

Hazard Statements

- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H412 Harmful to aquatic life with long lasting effects.

Precautionary Statements

- P261 Avoid breathing vapours.
- P264 Wash thoroughly after handling.
- P272 Contaminated work clothing should not be allowed out of the workplace.
- P273 Avoid release to the environment.
- P280 Wear protective gloves and eye protection.
- P302+P352 IF ON SKIN: Wash with plenty of soap and water.
- P333+P313 If skin irritation or rash occurs: Get medical advice.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.
- P337+P313 If eye irritation persists: Get medical advice.
- P501 Dispose of contents/container in accordance with local regulations.

SECTION 3: Composition / Information on Ingredients

Component	Information
Product	Rhubarb Absolute Extract
CAS No.	8016-55-5
Composition	100% Natural Botanical Extract
Origin	Rhubarb Root

Typical Naturally Occurring Constituents

- Anthraquinone derivatives
- Rhaponticin
- Phenolic compounds
- Aromatic ketones
- Fatty acids
- Volatile esters

The composition varies naturally according to geographical origin, harvest season and extraction process.

SECTION 4: First Aid Measures



Inhalation

Move the exposed person to fresh air.

Seek medical advice if symptoms persist.

Skin Contact

Wash thoroughly with soap and water.

Remove contaminated clothing.

Seek medical attention if irritation or sensitization develops.

Eye Contact

Immediately rinse with clean water for at least 15 minutes.

Obtain medical attention if irritation continues.

Ingestion

Rinse mouth thoroughly.

Do not induce vomiting.

Seek immediate medical attention.

Most Important Symptoms

- Eye irritation
- Skin irritation
- Allergic skin reaction

SECTION 5: Fire Fighting Measures

Suitable Extinguishing Media

- Carbon dioxide (CO₂)
- Dry chemical powder
- Alcohol-resistant foam
- Water spray

Unsuitable Extinguishing Media



- High-pressure water jet

Hazardous Combustion Products

- Carbon monoxide
- Carbon dioxide
- Dense smoke
- Irritating organic fumes

Protective Equipment

Self-contained breathing apparatus (SCBA) and protective clothing.

SECTION 6: Accidental Release Measures

- Wear appropriate personal protective equipment.
 - Prevent entry into drains and waterways.
 - Absorb with inert absorbent material such as sand or vermiculite.
 - Collect into suitable waste containers.
 - Clean contaminated surfaces thoroughly.
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SECTION 7: Handling and Storage

Handling

- Avoid contact with eyes and skin.
- Avoid inhalation of vapours.
- Use in well-ventilated areas.
- Observe good industrial hygiene practices.

Storage

Store in tightly closed original containers.

Keep away from:

- Heat
- Moisture
- Direct sunlight
- Oxidizing agents

Recommended Storage Temperature



15–25 °C.

SECTION 8: Exposure Controls / Personal Protection

Engineering Controls

Provide adequate ventilation.

Eye Protection

Chemical safety goggles.

Hand Protection

Chemical-resistant gloves (nitrile recommended).

Respiratory Protection

Normally not required.

Organic vapour respirator if ventilation is inadequate.

Skin Protection

Protective clothing recommended.

SECTION 9: Physical and Chemical Properties

Property	Specification
Appearance	Viscous liquid to semi-solid
Colour	Dark amber to reddish brown
Odour	Fruity, tart, green, wine-like, rhubarb characteristic
Physical State	Liquid / Semi-solid
Relative Density (20 °C)	0.960–1.040
Refractive Index (20 °C)	1.470–1.520
Flash Point	>75 °C
Solubility	Insoluble in water
Solubility in Ethanol	Soluble

SECTION 10: Stability and Reactivity



Stable under normal storage conditions.

Conditions to Avoid

- Excessive heat
- Open flames
- Strong oxidizing agents
- Prolonged exposure to air

Hazardous Decomposition Products

- Carbon monoxide
 - Carbon dioxide
 - Organic smoke
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SECTION 11: Toxicological Information

Routes of Exposure

- Skin contact
- Eye contact
- Inhalation
- Ingestion

Potential Health Effects

- Skin irritation
- Eye irritation
- Allergic skin sensitization in susceptible individuals

No chronic toxic effects are expected under normal professional use.

SECTION 12: Ecological Information

- Avoid uncontrolled environmental release.
 - Harmful to aquatic organisms in concentrated form.
 - Expected to be biodegradable under normal environmental conditions.
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SECTION 13: Disposal Considerations



Dispose of material through an authorized waste disposal contractor.

Do not discharge into drains, soil or waterways.

Dispose in accordance with local, regional and national regulations.

SECTION 14: Transport Information

Item	Information
UN Number	Not Regulated
UN Proper Shipping Name	Not Regulated
Transport Hazard Class	Not Applicable
Packing Group	Not Applicable
Marine Pollutant	No

SECTION 15: Regulatory Information

Prepared in accordance with:

- Regulation (EC) No. 1907/2006 (REACH)
- Regulation (EC) No. 1272/2008 (CLP)
- Globally Harmonized System (GHS)

This natural botanical extract contains naturally occurring fragrance constituents that may require declaration in finished cosmetic products under applicable cosmetic regulations.

SECTION 16: Other Information

This Safety Data Sheet has been prepared using current industry practices for natural botanical extracts and available toxicological and regulatory information. The information is intended to assist in the safe handling, storage, transport, and professional use of Rhubarb Absolute Extract (CAS No. 8016-55-5) and should not be interpreted as a guarantee of specific product properties.

Authorised by

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Director

Aromology Trading LLC

