



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

Item	Details
Product Name	Makiang Absolute
Botanical Name	<i>Syzygium nervosum</i>
Synonym	<i>Cleistocalyx nervosum</i> var. <i>paniala</i>
INCI Name	<i>Syzygium nervosum</i> Fruit Extract
Product Type	Natural Fruit Absolute (20% dilution)
Plant Part	Fruit Pulp
Extraction Method	Solvent Extraction
Dilution	20% Absolute in Triethyl Citrate (TEC)
Origin	Vietnam
Recommended Use	Professional perfumery and cosmetic fragrance manufacture
Uses Advised Against	Internal consumption, undiluted skin application and food use unless separately approved

Makiang Absolute 20% (Vietnam) is produced from the fruit pulp of *Syzygium nervosum* (formerly *Cleistocalyx nervosum*) by solvent extraction and is supplied as a 20% dilution for ease of handling in perfumery.

SUPPLIER DETAILS

Aromology Trading LLC
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Dubai, United Arab Emirates

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SECTION 2: HAZARD IDENTIFICATION

GHS CLASSIFICATION (REPRESENTATIVE)

Hazard Class	Classification
Skin Irritation	Category 2



Eye Irritation	Category 2A
Skin Sensitisation	Category 1B
Aquatic Chronic Toxicity	Category 3

Signal Word

WARNING

Hazard Statements

- H315: Causes skin irritation.
- H317: May cause an allergic skin reaction.
- H319: Causes serious eye irritation.
- H412: Harmful to aquatic life with long-lasting effects.

Precautionary Statements

- Avoid contact with skin and eyes.
- Wear suitable gloves and eye protection.
- Use only with adequate ventilation.
- Avoid release into the environment.
- Wash thoroughly after handling.
- Dispose of contents in accordance with local regulations.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS Number	Content
Makiang Fruit Absolute	Natural Complex Substance	20%
Triethyl Citrate (TEC)	77-93-0	80%

Representative aromatic profile includes fruity esters, aldehydes, organic acids, trace terpenoids and naturally occurring phenolic compounds. Exact composition varies with harvest season and extraction conditions.

SECTION 4: FIRST-AID MEASURES

Inhalation

Move to fresh air. Seek medical advice if symptoms persist.



Skin Contact

Wash thoroughly with soap and water. Remove contaminated clothing. Obtain medical advice if irritation develops.

Eye Contact

Flush cautiously with water for at least 15 minutes. Remove contact lenses if present. Seek medical attention if irritation persists.

Ingestion

Rinse mouth. Do not induce vomiting. Obtain medical advice if a significant quantity has been swallowed.

Most Important Symptoms

- Skin irritation
- Eye irritation
- Possible allergic skin reaction

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

- Carbon dioxide
- Dry chemical powder
- Alcohol-resistant foam
- Water fog

Hazardous Combustion Products

- Carbon monoxide
- Carbon dioxide
- Irritating organic fumes

Firefighters should wear self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES



- Ensure adequate ventilation.
- Wear suitable PPE.
- Absorb with inert material such as sand or vermiculite.
- Prevent entry into drains and waterways.
- Dispose according to local regulations.

SECTION 7: HANDLING AND STORAGE

Handling

- Avoid prolonged skin contact.
- Avoid inhalation of concentrated vapours.
- Use good industrial hygiene practices.

Storage

Store:

- In tightly closed containers.
- In a cool, dry, well-ventilated location.
- Protected from heat and direct sunlight.
- Away from oxidising materials.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Protection	Recommendation
Eye Protection	Safety goggles
Hand Protection	Nitrile gloves
Skin Protection	Protective clothing
Respiratory Protection	Organic vapour respirator where ventilation is insufficient

No occupational exposure limits have been established.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Representative Value
Appearance	Dark reddish-brown liquid
Odour	Fruity, citrus, metallic, sharp



Relative Density (20 °C)	1.000–1.050
Flash Point	>100 °C (due to TEC dilution)
Solubility	Insoluble in water; soluble in alcohol and perfumery solvents
Physical State	Liquid

SECTION 10: STABILITY AND REACTIVITY

- Stable under recommended storage conditions.
 - Avoid excessive heat and strong oxidising agents.
 - Hazardous decomposition may produce carbon monoxide and carbon dioxide.
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SECTION 11: TOXICOLOGICAL INFORMATION

Likely routes of exposure:

- Skin
- Eyes
- Inhalation
- Ingestion

Potential effects:

- Skin irritation
 - Eye irritation
 - Skin sensitisation in susceptible individuals
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SECTION 12: ECOLOGICAL INFORMATION

- Avoid uncontrolled release into the environment.
 - Expected to be partially biodegradable.
 - Harmful to aquatic organisms in concentrated form.
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SECTION 13: DISPOSAL CONSIDERATIONS



Dispose of contents and contaminated packaging through an authorised waste disposal contractor in accordance with local regulations.

SECTION 14: TRANSPORT INFORMATION

Item	Representative Information
UN Number	Not regulated under normal transport conditions*
Transport Class	Not classified
Packing Group	Not applicable

*Final transport classification should always be confirmed using the manufacturer's current SDS.

SECTION 15: REGULATORY INFORMATION

Prepared with reference to:

- Regulation (EC) No. 1907/2006 (REACH)
 - Regulation (EC) No. 1272/2008 (CLP)
 - Regulation (EU) 2020/878
 - Regulation (EC) No. 1223/2009
 - United Nations Globally Harmonized System (GHS)
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SECTION 16: OTHER INFORMATION

Item	Details
Document Type	Material Safety Data Sheet (MSDS)
Version	1.0
Issue Date	21 July 2026



Disclaimer

This MSDS provides representative safety information for Makiang Absolute 20% (Vietnam). As a natural botanical extract diluted in Triethyl Citrate, composition varies according to harvest, extraction process and crop conditions. The original manufacturer's Safety Data Sheet and Certificate of Analysis shall always take precedence.

Authorised by:

Fozia Khot
Director