



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

Product Identifier

Product Name: Cocoa Absolute

Alternative Names: Cocoa Absolute 20% in Ethanol, Cocoa Bean Absolute 20% Solution

Botanical Name: *Theobroma cacao* L.

INCI Name: Theobroma Cacao (Cocoa) Extract

EU CAS Number: 84694-99-0

EC Number: 283-480-6

Product Type: Natural Absolute Solution

Plant Part: Roasted Cocoa Beans

Extraction Method: Solvent Extracted Cocoa Absolute diluted to 20% in Ethanol

Diluent: Ethanol (20% Cocoa Absolute / 80% Ethanol)

Origin: Ghana / Ivory Coast

Grade: Premium Perfumery Grade

Recommended Use: Professional perfumery, cosmetic and fragrance raw material.

Supplier

Aromology Trading LLC

G05 Al Ghazal Building

Nadd Al Hamar

Dubai, United Arab Emirates

Website: www.aromology.com

Email: info@aromology.com

Telephone: +971 505197601

SECTION 2 – HAZARD IDENTIFICATION

GHS Classification

(Classification reflects the presence of approximately 80% ethanol.)

- Flammable Liquid – Category 2
- Eye Irritation – Category 2A

Signal Word



Danger

Hazard Statements

- H225 Highly flammable liquid and vapour.
- H319 Causes serious eye irritation.

Precautionary Statements

- P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking.
- P233 Keep container tightly closed.
- P240 Ground and bond container and receiving equipment.
- P241 Use explosion-proof electrical equipment.
- P280 Wear protective gloves and eye protection.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.
- P337+P313 If eye irritation persists: Get medical advice.
- P403+P235 Store in a well-ventilated place. Keep cool.
- P501 Dispose of contents/container in accordance with local regulations.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Component	Concentration
Cocoa Absolute (<i>Theobroma cacao</i> Extract)	20%
Ethanol	80%

Cocoa Absolute Information

Parameter	Details
Botanical Name	<i>Theobroma cacao</i> L.
CAS Number	84694-99-0
EC Number	283-480-6

Typical Naturally Occurring Aromatic Constituents

- Pyrazines
- Phenethyl Alcohol
- Acetic Acid Derivatives
- Maltol
- Furaneol
- Vanillin (Trace)
- Phenolic Compounds
- Cocoa Lactones



SECTION 4 – FIRST AID MEASURES

Inhalation: Remove exposed person to fresh air. Seek medical advice if symptoms persist.

Skin Contact: Wash thoroughly with soap and water. Remove contaminated clothing.

Eye Contact: Rinse immediately with water for at least 15 minutes. Obtain medical advice if irritation persists.

Ingestion: Rinse mouth. Do not induce vomiting. Obtain medical attention if large quantities have been swallowed.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable Extinguishing Media

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

Unsuitable Extinguishing Media

Do not use a direct water jet.

Hazardous Combustion Products

- Carbon monoxide
 - Carbon dioxide
 - Irritating smoke
 - Organic decomposition products
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SECTION 6 – ACCIDENTAL RELEASE MEASURES

Remove all ignition sources.

Ensure adequate ventilation.



Absorb with inert absorbent material.

Prevent entry into drains and waterways.

Dispose of collected material according to local regulations.

SECTION 7 – HANDLING AND STORAGE

Use in a well-ventilated area.

Avoid breathing vapours.

Avoid contact with eyes.

Keep away from ignition sources.

Store tightly closed.

Protect from sunlight and excessive heat.

Recommended Storage Temperature: 5–20 °C

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

- Safety goggles
 - Nitrile gloves
 - Protective clothing
 - Local exhaust ventilation where required
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SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Property	Specification
Appearance	Clear to slightly hazy liquid
Colour	Dark Brown
Odour	Rich cocoa, chocolate, roasted, warm, gourmand
Relative Density (20 °C)	0.840–0.880
Flash Point	Approximately 16 °C
Solubility in Water	Partially Miscible



Solubility

Miscible with ethanol and perfumery solvents

SECTION 10 – STABILITY AND REACTIVITY

Stable under recommended storage conditions.

Avoid:

- Heat
- Sparks
- Open flames
- Oxidising agents
- Direct sunlight

Hazardous decomposition may produce carbon monoxide and carbon dioxide.

SECTION 11 – TOXICOLOGICAL INFORMATION

May cause eye irritation.

Repeated exposure may dry the skin due to the ethanol content.

No significant toxicological hazards are expected when used in accordance with professional perfumery practice.

SECTION 12 – ECOLOGICAL INFORMATION

Avoid uncontrolled release into the environment.

Prevent contamination of waterways and soil.

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of product and packaging through an authorised waste contractor in accordance with applicable local regulations.



SECTION 14 – TRANSPORT INFORMATION

Regulation	Status
UN Number	UN1170
Proper Shipping Name	Ethanol Solution
ADR/RID	Class 3
IMDG	Class 3
IATA	Class 3
Packing Group	II

SECTION 15 – REGULATORY INFORMATION

Prepared in accordance with:

- GHS Revision 9
 - OSHA Hazard Communication Standard (29 CFR 1910.1200)
 - Regulation (EC) No. 1907/2006 (REACH)
 - Regulation (EU) 2020/878
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SECTION 16 – OTHER INFORMATION

Cocoa Absolute – 20% ETH is prepared by diluting premium natural cocoa absolute obtained from roasted Theobroma cacao beans in high-purity ethanol. The dilution improves handling and facilitates accurate dosing in fragrance formulations while preserving the rich chocolate, roasted, gourmand and slightly woody character of the original absolute. It is widely used in gourmand, oriental, tobacco, amber, coffee and luxury fine fragrance compositions.

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