



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 Name: Cassia Essential Oil

Botanical Name: *Cinnamomum cassia* (L.) J.Pres

IINCI Name: Cinnamomum Cassia Bark Oil

CAS Number: 8007-80-5

EC Number: 284-635-0

Product Type: Natural Essential Oil

Plant Part: Bark

Extraction Method: Steam Distillation

Origin: China

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

- Flammable Liquid – Category 3
- Acute Toxicity (Oral) – Category 4
- Skin Corrosion/Irritation – Category 2
- Skin Sensitisation – Category 1
- Serious Eye Damage – Category 1
- Aspiration Hazard – Category 1
- Hazardous to the Aquatic Environment (Chronic) – Category 2

Signal Word



Danger

Hazard Statements

- H226 Flammable liquid and vapour.
- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H411 Toxic to aquatic life with long lasting effects.

Precautionary Statements

- P210 Keep away from heat, sparks and open flames.
- P261 Avoid breathing vapours.
- P264 Wash thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product.
- P273 Avoid release to the environment.
- P280 Wear protective gloves, protective clothing and eye protection.
- P301+P310 IF SWALLOWED: Immediately call a POISON CENTRE or physician.
- P331 Do not induce vomiting.
- P302+P352 IF ON SKIN: Wash thoroughly with soap and water.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.
- P310 Immediately seek medical attention.
- P391 Collect spillage.
- P501 Dispose of contents/container according to local regulations.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Component	Information
Product	Cassia Essential Oil
Botanical Name	<i>Cinnamomum cassia</i> (L.) J.Presl
INCI Name	Cinnamomum Cassia Bark Oil
CAS Number	8007-80-5
EC Number	284-635-0
Purity	100% Natural Essential Oil

Typical Naturally Occurring Constituents

- trans-Cinnamaldehyde



- Coumarin
- Cinnamyl Acetate
- Cinnamyl Alcohol
- Eugenol
- Benzaldehyde
- Linalool
- Benzyl Benzoate
- β -Caryophyllene
- Cinnamic Acid

SECTION 4 – FIRST AID MEASURES

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

Skin Contact: Remove contaminated clothing immediately. Wash thoroughly with soap and water. Seek medical advice if irritation or sensitisation occurs.

Eye Contact: Immediately flush eyes with water for at least 15 minutes and obtain urgent medical attention.

Ingestion: Rinse mouth. Do not induce vomiting. Immediately contact a poison centre or physician.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable Extinguishing Media

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

Hazardous Combustion Products

Carbon monoxide, carbon dioxide and irritating organic vapours.

SECTION 6 – ACCIDENTAL RELEASE MEASURES



Wear suitable personal protective equipment.

Remove ignition sources.

Prevent release into drains and waterways.

Absorb with inert material and transfer into approved disposal containers.

SECTION 7 – HANDLING AND STORAGE

Use only in well-ventilated areas.

Avoid contact with skin and eyes.

Store tightly closed in a cool, dry place away from heat, sunlight and oxidising agents.

Recommended Storage Temperature: 5–20 °C

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

- Chemical safety goggles or face shield
- Nitrile gloves
- Protective clothing
- Local exhaust ventilation
- Organic vapour respirator where ventilation is inadequate

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Property	Specification
Appearance	Clear mobile liquid
Colour	Yellow to Reddish Brown
Odour	Warm, spicy, sweet, cinnamon-like, balsamic
Relative Density (20 °C)	1.040–1.070
Refractive Index (20 °C)	1.600–1.620
Optical Rotation	-2° to +2°
Flash Point	70–90 °C
Solubility in Water	Insoluble



Solubility Soluble in ethanol and perfumery solvents

SECTION 10 – STABILITY AND REACTIVITY

Stable under recommended storage conditions.

Avoid:

- Strong oxidising agents
- Excessive heat
- Open flames
- Direct sunlight
- Prolonged exposure to air

Hazardous decomposition products include carbon monoxide and carbon dioxide.

SECTION 11 – TOXICOLOGICAL INFORMATION

Harmful if swallowed.

May be fatal if swallowed and enters airways.

Causes skin irritation and serious eye damage.

May cause allergic skin reactions.

Contains naturally occurring cinnamaldehyde and coumarin, which are known sensitising substances.

SECTION 12 – ECOLOGICAL INFORMATION

Toxic to aquatic organisms with long lasting effects.

Avoid uncontrolled release into the environment.

SECTION 13 – DISPOSAL CONSIDERATIONS



Dispose of contents and containers through an authorised waste contractor in accordance with local regulations.

SECTION 14 – TRANSPORT INFORMATION

Regulation	Status
UN Number	UN2810
Proper Shipping Name	Toxic Liquid, Organic, N.O.S. (Contains Cinnamaldehyde)
ADR/RID	Class 6.1
IMDG	Class 6.1
IATA	Class 6.1
Packing Group	III

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

Cassia Essential Oil is obtained by steam distillation of the bark of *Cinnamomum cassia*. It possesses a rich, sweet, intensely spicy cinnamon aroma with warm balsamic undertones. Due to its naturally high cinnamaldehyde content, it should be handled carefully and used at appropriate concentrations in fragrance and cosmetic formulations. It is widely used in oriental, gourmand, amber and festive fragrance accords.

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