



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/MIXTURE AND OF THE COMPANY

1.1 Product identifier

Item	Details
Product Name	Mimosa Absolute
Botanical Name	<i>Acacia dealbata</i> Link
Botanical Synonym	<i>Acacia decurrens</i> var. <i>dealbata</i>
INCI Name	Acacia Dealbata Flower Extract
Chemical Description	Extract of the flowers of <i>Acacia dealbata</i>
CAS Number	165800-52-2
Alternative CAS Reference	98903-76-5 may apply to <i>Acacia decurrens</i> extract grades
Product Type	Natural Botanical Absolute
Country of Origin	Morocco
Plant Part Used	Flowers
Extraction Method	Solvent extraction followed by removal of the extraction solvent
Olfactive Profile	Soft floral, powdery, honeyed, green and woody
Recommended Use	Professional fragrance and cosmetic ingredient

CAS 165800-52-2 is used for *Acacia dealbata* flower, flower/stem and related botanical extracts. The commercial mimosa absolute is generally described as a solvent-extracted floral material with a thick, golden appearance and a powdery, honeyed odour.

1.2 Relevant Identified Uses

- Fine-fragrance manufacture
- Floral, powdery and honeyed accords
- Cosmetic fragrance formulations
- Soap and personal-care fragrance
- Professional perfumery research
- Household and industrial fragrance manufacture

1.3 Uses Advised Against

- Internal consumption
- Direct undiluted application to skin
- Pharmaceutical or therapeutic use
- Use by children
- Use without an appropriate finished-product safety assessment



1.4 Supplier Details

Aromology Trading LLC
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Dubai, United Arab Emirates

Website: www.aromology.com

Email: info@aromology.com

Telephone: +971 505197601

1.5 Emergency Telephone Number

Contact the nearest poison-control centre or emergency medical service.

SECTION 2: HAZARD IDENTIFICATION

2.1 Classification According to Regulation (EC) No. 1272/2008

Based on available generic information for undiluted Mimosa Absolute:

Not classified as hazardous under Regulation (EC) No. 1272/2008 on the basis of currently available data.

A commercial Mimosa Absolute grade identified under CAS **165800-52-2** is sold as non-hazardous for transport and lists no specific known safety concern apart from dilution and skin-sensitivity precautions.

2.2 Label Elements

Label Element	Details
Hazard Pictograms	None required
Signal Word	None required
Hazard Statements	None required
Supplemental Statement	For professional use only

2.3 Other Hazards

- Natural botanical extracts may cause irritation or sensitivity in susceptible persons.
- Avoid prolonged or repeated skin contact.
- Avoid contact with eyes.
- Heated product may release vapours.
- Spilled material may create a slipping hazard.
- The product should be evaluated against the original manufacturer's batch-specific SDS before commercial classification.



SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substance

Ingredient	CAS Number	Concentration
Acacia dealbata Flower Extract / Mimosa Absolute	165800-52-2	Approximately 100%

3.2 Substance Description

Mimosa Absolute is a natural complex substance obtained by solvent extraction of mimosa flowers.

It contains naturally occurring:

- Floral waxes
- Fatty constituents
- Aromatic compounds
- Phenolic constituents
- Trace volatile components

The precise composition may vary according to:

- Botanical variety
- Harvest conditions
- Geographic origin
- Extraction process
- Batch

SECTION 4: FIRST AID MEASURES

4.1 Description of First Aid Measures

Inhalation

- Move the affected person to fresh air.
- Keep at rest in a comfortable position.
- Seek medical advice if symptoms persist.

Skin Contact

- Remove contaminated clothing.
- Wash thoroughly with soap and water.
- Seek medical attention if irritation or sensitivity develops.



Eye Contact

- Rinse cautiously with clean water for at least 15 minutes.
- Remove contact lenses if present and easy to do.
- Continue rinsing.
- Seek medical advice if discomfort persists.

Ingestion

- Rinse the mouth thoroughly.
- Do not induce vomiting.
- Seek medical advice if a significant quantity has been swallowed.
- Never give anything by mouth to an unconscious person.

4.2 Most Important Symptoms and Effects

Possible symptoms may include:

- Mild skin irritation
- Eye discomfort
- Redness
- Nausea following ingestion
- Sensitivity reaction in susceptible individuals

4.3 Immediate Medical Attention

Treat symptomatically.

No specific antidote is known.

SECTION 5: FIREFIGHTING MEASURES

5.1 Suitable Extinguishing Media

- Carbon dioxide
- Dry chemical powder
- Alcohol-resistant foam
- Sand
- Water fog for cooling containers

5.2 Unsuitable Extinguishing Media

Do not use a direct high-pressure water jet.

5.3 Special Hazards Arising from the Substance



Heating or combustion may generate:

- Carbon monoxide
- Carbon dioxide
- Irritating organic vapours
- Smoke and unidentified decomposition products

5.4 Advice for Firefighters

- Wear self-contained breathing apparatus.
 - Wear full protective firefighting clothing.
 - Cool exposed containers with water spray.
 - Prevent contaminated firefighting water from entering drains or waterways.
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SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions

- Ensure adequate ventilation.
- Avoid contact with skin and eyes.
- Wear protective gloves and safety glasses.
- Keep unnecessary personnel away.
- Avoid breathing vapours from heated material.

6.2 Environmental Precautions

- Prevent entry into drains, waterways and soil.
- Avoid uncontrolled environmental release.
- Notify the appropriate authority if a significant release reaches the environment.

6.3 Methods for Containment and Cleaning

- Collect mechanically where the product is solid or semi-solid.
 - Absorb softened or liquid material with sand, earth or inert absorbent.
 - Transfer into a suitable labelled waste container.
 - Clean the affected surface with detergent.
 - Dispose of through an authorised waste contractor.
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SECTION 7: HANDLING AND STORAGE

7.1 Precautions for Safe Handling

- Use in a well-ventilated area.



- Avoid skin and eye contact.
- Avoid breathing vapours generated during warming.
- Wear appropriate personal protective equipment.
- Do not eat, drink or smoke while handling.
- Wash hands after use.
- Keep containers closed when not in use.
- Use clean, dry dispensing equipment.

7.2 Conditions for Safe Storage

- Store in the original tightly closed container.
- Keep in a cool, dry and well-ventilated place.
- Protect from direct sunlight.
- Keep away from strong oxidising agents.
- Avoid prolonged exposure to air and heat.
- Keep out of reach of children.

Recommended Storage Temperature

15–25°C

The material may become very thick or semi-solid at lower temperatures. Gentle warming may be required before dispensing. A commercial Mimosa Absolute grade is described as a very thick, tacky, golden material that may require slow warming to become pourable.

7.3 Specific End Use

Professional fragrance and cosmetic ingredient.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

No specific occupational exposure limit has been established for Mimosa Absolute.

8.2 Engineering Controls

- Provide adequate general ventilation.
- Use local exhaust ventilation when heating or transferring bulk quantities.
- Provide access to an eyewash station.
- Maintain appropriate washing facilities.

8.3 Eye and Face Protection

Wear chemical safety glasses or goggles.



8.4 Hand Protection

Wear chemical-resistant gloves, such as:

- Nitrile rubber
- Butyl rubber

8.5 Skin and Body Protection

Wear suitable protective clothing or a laboratory coat.

8.6 Respiratory Protection

Respiratory protection is normally not required under adequately ventilated conditions.

Where vapours are generated by heating and ventilation is inadequate, use an approved organic-vapour respirator.

8.7 Hygiene Measures

- Wash hands thoroughly after handling.
- Remove contaminated clothing.
- Do not eat, drink or smoke in the handling area.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Typical Information
Physical State	Viscous liquid, paste or semi-solid
Appearance	Thick, tacky botanical absolute
Colour	Golden yellow to yellow-brown
Odour	Floral, powdery, honeyed, green and softly woody
Odour Threshold	Not determined
Melting/Softening Point	Batch dependent
Boiling Point	Not determined
Flash Point	Generally above 100 °C; batch-specific value required
Flammability	Combustible organic material
Vapour Pressure	Low
Relative Density	Batch dependent
Water Solubility	Practically insoluble
Solubility in Ethanol	Soluble or dispersible
Refractive Index	Not reliably applicable to semi-solid grades
Partition Coefficient	Not determined
Auto-Ignition Temperature	Not determined



Decomposition Temperature	Not determined
Viscosity	High; temperature dependent
Explosive Properties	Not expected to be explosive
Oxidising Properties	Not classified as oxidising

Commercial Mimosa Absolute is commonly described as golden yellow, highly viscous and solvent extracted.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No hazardous reaction is expected under normal handling and storage conditions.

10.2 Chemical Stability

Stable when stored in tightly closed containers under recommended conditions.

10.3 Possibility of Hazardous Reactions

Hazardous polymerisation is not expected.

10.4 Conditions to Avoid

- Excessive heat
- Direct sunlight
- Open flames
- Prolonged exposure to air
- Contamination
- Incompatible materials

10.5 Incompatible Materials

- Strong oxidising agents
- Strong acids
- Strong alkalis

10.6 Hazardous Decomposition Products

Thermal decomposition may generate:

- Carbon monoxide
- Carbon dioxide
- Irritating organic fumes



SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Acute Toxicity

Insufficient substance-specific data are available to classify the material for acute toxicity.

11.2 Skin Corrosion/Irritation

Not classified based on currently available information.

Prolonged or repeated exposure may cause irritation in sensitive individuals.

11.3 Serious Eye Damage/Irritation

Not classified.

Direct contact may cause temporary discomfort.

11.4 Respiratory or Skin Sensitisation

Not classified based on available data.

Natural extracts may nevertheless cause individual sensitivity.

11.5 Germ Cell Mutagenicity

Not classified based on available information.

11.6 Carcinogenicity

Not classified based on available information.

11.7 Reproductive Toxicity

Not classified based on available information.

11.8 Specific Target Organ Toxicity – Single Exposure

Not classified.

11.9 Specific Target Organ Toxicity – Repeated Exposure

Not classified.

11.10 Aspiration Hazard



Not classified.

11.11 Likely Routes of Exposure

- Skin contact
 - Eye contact
 - Inhalation of vapour from heated product
 - Accidental ingestion
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SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

No complete substance-specific aquatic toxicity data are available.

Avoid uncontrolled release into the environment.

12.2 Persistence and Degradability

The material contains naturally derived organic constituents expected to undergo environmental degradation, although complete biodegradability data are unavailable.

12.3 Bioaccumulative Potential

Not determined.

12.4 Mobility in Soil

Expected to have limited mobility because of low water solubility and high wax content.

12.5 PBT and vPvB Assessment

No complete PBT or vPvB assessment is available.

12.6 Endocrine-Disrupting Properties

No confirmed endocrine-disrupting properties have been identified from available information.

12.7 Other Adverse Effects

Large releases may adversely affect soil, surface water or wastewater-treatment systems.

SECTION 13: DISPOSAL CONSIDERATIONS



13.1 Waste Treatment Methods

- Dispose of through an authorised chemical-waste contractor.
- Do not discharge into drains, soil or waterways.
- Do not dispose of with ordinary household waste.
- Contaminated absorbents should be treated as chemical waste.
- Empty containers may retain product residue.
- Dispose of packaging according to local regulations.

SECTION 14: TRANSPORT INFORMATION

14.1 ADR/RID

Transport Item	Classification
UN Number	Not regulated
Proper Shipping Name	Not regulated
Transport Hazard Class	Not applicable
Packing Group	Not applicable
Environmental Hazard	Not classified as a transport environmental hazard

14.2 IMDG

Not regulated as dangerous goods.

14.3 IATA/ICAO

Not regulated as dangerous goods.

14.4 Special Precautions

- Keep containers tightly closed and upright.
- Protect from heat and physical damage.
- Prevent leakage.
- Confirm classification against the latest batch-specific supplier SDS before international shipment.

Commercial Mimosa Absolute identified under CAS **165800-52-2** is listed as non-hazardous for shipping.

SECTION 15: REGULATORY INFORMATION

15.1 Applicable Regulations



This document has been prepared with reference to:

- Regulation (EC) No. 1907/2006 – REACH
- Regulation (EU) 2020/878
- Regulation (EC) No. 1272/2008 – CLP
- Regulation (EC) No. 1223/2009 – Cosmetics
- Applicable national occupational-health, environmental and waste regulations

15.2 Ingredient Identity

CAS **165800-52-2** is associated with *Acacia dealbata* flower and flower/stem extract in cosmetic and fragrance ingredient references.

15.3 Chemical Safety Assessment

A chemical safety assessment has not been performed by Aromology Trading LLC.

15.4 Product Status

Professional perfumery raw material only.

Not intended for internal consumption.

SECTION 16: OTHER INFORMATION

16.1 Document Information

Item	Details
Product	Mimosa Absolute
CAS Number	165800-52-2
Botanical Name	<i>Acacia dealbata</i>
Country of Origin	Morocco
Issue Date	21 July 2026
Revision Number	1.0
Document Type	Material Safety Data Sheet

16.2 Disclaimer

The information contained in this Material Safety Data Sheet is based on currently available supplier information, botanical references and technical data believed to be reliable at the date of issue.

Mimosa Absolute is a natural complex substance whose composition and physical properties may vary from batch to batch.



This document is provided solely as guidance for safe handling, storage, transport and disposal. It does not constitute:

- A warranty of product properties
- A batch-specific analytical certificate
- A substitute for the original manufacturer's SDS
- Finished-product regulatory approval

Users are responsible for:

- Confirming the suitability of the material for the intended application.
- Reviewing the original batch-specific supplier SDS.
- Conducting a finished-product safety assessment.
- Following applicable IFRA Standards.
- Complying with all relevant national and regional regulations.

AUTHORISED BY

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