



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	Hay Absolute
Alternative Names	Foin Coupé Absolute; Hay Extract; Coumarin-Rich Grass Absolute
Botanical Source	Dried aromatic grasses, including <i>Hierochloe</i> and related species
CAS Number	8031-00-3
Product Type	Natural solvent-extracted absolute / Natural Complex Substance
Extraction Method	Solvent extraction followed by alcohol washing and concentration
Recommended Use	Professional perfumery, fragrance and cosmetic formulation
Uses Advised	Internal consumption, vaping, smoking and undiluted skin
Against	application

Supplier

Aromology Trading LLC
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Dubai, United Arab Emirates

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SECTION 2: HAZARD IDENTIFICATION

Representative GHS Classification

- Skin Sensitisation, Category 1

Additional classifications may apply depending on the batch composition, coumarin concentration and residual extraction solvent.

Signal Word

WARNING

Hazard Statement



- **H317:** May cause an allergic skin reaction.

Precautionary Statements

- P261: Avoid breathing vapours, mist or spray.
- P272: Contaminated work clothing should not be allowed out of the workplace.
- 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, obtain medical advice.
- P362 + P364: Remove contaminated clothing and wash it before reuse.
- P501: Dispose of contents and container according to applicable regulations.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS Number	Representative Status
Hay Absolute	8031-00-3	Approximately 100%
Coumarin	91-64-5	Naturally occurring; batch dependent
Phytol and Related Diterpene Alcohols	Various	Naturally occurring
Fatty Acids and Esters	Various	Naturally occurring
Green, Herbal and Balsamic Components	Various	Naturally occurring
Residual Extraction Solvent	Various	Controlled to supplier specification

Hay Absolute is a Natural Complex Substance. Its composition varies according to the grass species, geographic origin, drying conditions, extraction method and production batch.

SECTION 4: FIRST-AID MEASURES

Inhalation

Move the affected person to fresh air. Keep comfortable for breathing. Seek medical advice if respiratory discomfort, headache, nausea or dizziness persists.

Skin Contact

Remove contaminated clothing. Wash the affected area thoroughly with soap and water. Obtain medical advice if irritation, redness or an allergic reaction develops.



Eye Contact

Rinse cautiously with clean water for at least 15 minutes. Remove contact lenses where easy to do. Continue rinsing and seek medical advice if irritation persists.

Ingestion

Rinse the mouth. Do not induce vomiting unless instructed by medical personnel. Contact a physician or poison centre if the material has been swallowed.

Important Symptoms

- Skin irritation or allergic skin reaction.
- Eye discomfort or watering.
- Headache or nausea following excessive vapour exposure.
- Gastrointestinal discomfort following ingestion.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use:

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

Unsuitable Extinguishing Media

Do not use a direct high-pressure water jet.

Specific Hazards

Combustion may produce:

- Carbon monoxide.
- Carbon dioxide.
- Smoke.
- Irritating organic vapours.
- Unidentified decomposition products.

Protective Equipment



Firefighters should wear suitable protective clothing and self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions

- Ensure adequate ventilation.
- Wear protective gloves and eye protection.
- Avoid contact with skin and eyes.
- Avoid breathing vapours or aerosols.
- Remove ignition sources where residual solvent may be present.

Environmental Precautions

Prevent entry into drains, soil, sewers and waterways.

Clean-Up Method

Absorb the spill using sand, earth, vermiculite or another inert absorbent.

Transfer the collected material into a suitable labelled waste container. Clean the affected surface with detergent while preventing wash water from entering drains.

SECTION 7: HANDLING AND STORAGE

Safe Handling

- Use in a well-ventilated area.
- Avoid prolonged or repeated skin contact.
- Avoid contact with eyes.
- Do not breathe heated vapours, aerosol or mist.
- Wear appropriate personal protective equipment.
- Do not eat, drink or smoke while handling.
- Wash hands thoroughly after use.

Storage Conditions

Store:

- In the original tightly sealed container.
- In a cool, dry and well-ventilated location.



- Protected from heat and direct sunlight.
- Away from oxidising agents and ignition sources.
- With minimal container headspace.
- Out of reach of children.

Hay Absolute may be thick or semi-solid at room temperature. Gentle warming may be used to improve pourability, but direct or excessive heating must be avoided.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits

No occupational exposure limit has been established for the complete natural absolute.

Applicable exposure limits for any residual extraction solvent should be reviewed from the batch-specific supplier documentation.

Personal Protective Equipment

Protection Type	Recommendation
Eye Protection	Chemical safety glasses or goggles
Hand Protection	Nitrile or chemical-resistant gloves
Skin Protection	Protective clothing or laboratory coat
Respiratory Protection	Use suitable protection where ventilation is inadequate
Engineering Controls	Adequate general or local exhaust ventilation
Hygiene	Wash hands and exposed skin after handling

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Representative Information
Physical State	Thick liquid, viscous mass or semi-solid
Colour	Olive-green, greenish-brown to dark brown
Odour	Sweet hay, dry grass, coumarinic, herbaceous, tea-like and honeyed
pH	Not applicable
Melting or Softening Behaviour	Batch dependent
Relative Density	Batch dependent
Refractive Index	Batch dependent
Flash Point	Batch and residual-solvent dependent
Water Solubility	Insoluble



Alcohol Solubility	Soluble or dispersible
Vapour Pressure	Not determined
Auto-Ignition Temperature	Not determined
Explosive Properties	Not expected under normal conditions
Oxidising Properties	Not classified as oxidising

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability

Stable when stored in a tightly closed container under recommended conditions.

Conditions to Avoid

Avoid:

- Excessive heat.
- Direct sunlight.
- Open flames and sparks.
- Prolonged exposure to air.
- Unsuitable storage temperatures.

Incompatible Materials

Strong oxidising agents, strong acids and strongly reactive chemicals.

Hazardous Decomposition Products

Thermal decomposition may produce carbon monoxide, carbon dioxide, smoke and irritating organic vapours.

SECTION 11: TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

- Skin contact.
- Eye contact.
- Inhalation.
- Accidental ingestion.

Skin Sensitisation



May cause an allergic skin reaction. The sensitisation potential is influenced by naturally occurring constituents, including coumarin and other aromatic components.

Skin Irritation

Prolonged or repeated contact may cause irritation in sensitive individuals.

Eye Effects

Direct contact may cause temporary redness, watering and discomfort.

Inhalation

Excessive exposure to concentrated vapours or heated material may cause irritation, headache, nausea or dizziness.

Ingestion

May cause gastrointestinal discomfort. Hay Absolute is not intended for internal consumption.

Long-Term Effects

Complete chronic toxicity data are not available for the natural complex substance.

SECTION 12: ECOLOGICAL INFORMATION

- Avoid uncontrolled release into the environment.
- Complete aquatic toxicity data are not available for the natural mixture.
- Hydrophobic components may adsorb to soil and sediment.
- Do not discharge concentrated material into drains, waterways or soil.
- Biodegradability and bioaccumulation may vary according to constituent composition.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of the product and contaminated packaging through an authorised chemical-waste contractor.

Do not:

- Discharge into drains or waterways.



- Dispose of with ordinary household waste.
- Reuse contaminated containers for food or beverages.

Empty containers may retain hazardous residues.

SECTION 14: TRANSPORT INFORMATION

Transport classification must be confirmed using:

- Batch-specific flash-point data.
- Residual solvent content.
- Environmental classification.
- Package size.
- Applicable national and international transport rules.

Transport Item	Representative Position
UN Number	Batch dependent
Proper Shipping Name	Verify using the current batch SDS
Hazard Class	Batch dependent
Packing Group	Batch dependent
Marine Pollutant	Batch dependent
Special Precautions	Keep tightly closed, upright and protected from heat

Where residual solvent content results in a flash point below the applicable transport threshold, the material may require classification as a flammable liquid.

SECTION 15: REGULATORY INFORMATION

Prepared with reference to:

- Regulation (EC) No. 1907/2006 — REACH.
- Regulation (EC) No. 1272/2008 — CLP.
- Regulation (EU) 2020/878.
- United Nations Globally Harmonized System.
- Regulation (EC) No. 1223/2009 on cosmetic products.
- Applicable occupational, environmental and transport regulations.

The finished-product manufacturer remains responsible for assessing:

- IFRA requirements.



- Coumarin concentration.
- EU fragrance-allergen declarations.
- Residual solvent limits.
- Final use concentration.
- Intended consumer exposure.
- Finished-product safety.

SECTION 16: OTHER INFORMATION

Hazard Statement Definition

- **H317:** May cause an allergic skin reaction.

Document Information

Item	Details
Issue Date	18 July 2026
Revision Number	01
Document Type	Summary Material Safety Data Sheet
Intended Users	Professional and industrial users

Disclaimer

This MSDS provides representative safety information for Hay Absolute.

The material's natural composition, coumarin concentration, residual solvent level, flash point and hazard classification may vary between producers and batches. The original producer's current batch-specific Safety Data Sheet, Certificate of Analysis and analytical data shall take precedence.

This product is intended for professional perfumery and fragrance formulation. It is not intended for internal consumption and must be stored away from children.

Authorised by:

Fozia Khot
Director