



SAFETY DATA SHEET (SDS)

Prepared in accordance with the Globally Harmonized System (GHS) and Regulation (EC) No. 1907/2006 (REACH, as amended)

Tobacco Flowers Absolute

SECTION 1: IDENTIFICATION

Product Name: Tobacco Flowers Absolute

Botanical Name: *Nicotiana tabacum*

CAS Number: 8037-19-2

EC Number: 284-656-5

Composition: Natural

Product Type: Natural Absolute / Perfumery Raw Material

Recommended Use: Fragrance ingredient for use in consumer products

Restrictions on Use: Not for personal use in this form or concentration. Intended for use in the manufacture of consumer products.

Supplier

Aromology Trading LLC

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Nadd Al Hamar

Dubai, United Arab Emirates

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SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification

Classification according to **Regulation (EC) No. 1272/2008 [CLP/GHS]**, as amended:

Hazard Classification	Category	Hazard Statement
Skin Sensitisation	Category 1B	H317
Eye Irritation	Category 2	H319
Hazardous to the Aquatic Environment – Chronic	Category 3	H412



2.2 Label Elements

SIGNAL WORD

WARNING

HAZARD STATEMENTS

H317 – May cause an allergic skin reaction.

H319 – Causes serious eye irritation.

H412 – Harmful to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS

P261 – Avoid breathing dust/fume/gas/mist/vapours/spray.

P264 – Wash thoroughly after handling.

P273 – Avoid release to the environment.

P272 – Contaminated work clothing should not be allowed out of the workplace.

P280 – Wear protective gloves/protective clothing/eye protection/face protection.

P302 + P352 – IF ON SKIN: Wash with plenty of soap and water.

P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P333 + P313 – If skin irritation or rash occurs: Get medical advice/attention.

P391 – Collect spillage.

P363 – Wash contaminated clothing before reuse.

P403 + P235 – Store in a well-ventilated place. Keep cool.

The complete precautionary wording is provided in Section 16 of the source SDS.

2.3 Other Hazards

No additional hazard data available.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substance

Product: Tobacco Flowers Absolute

Botanical Source: *Nicotiana tabacum*

CAS Number: 8037-19-2

EC Number: 284-656-5

Composition: Natural Product

Identified Constituent

Component	CAS Number	EC Number	Concentration	Classification
Ethanol	64-17-5	200-578-6	≥1.0% – <2.5%	Flam. Liq. 2 H225; Eye Irrit. 2 H319

The source identifies the material as a natural product containing 1.0% to <2.5% ethanol.



SECTION 4: FIRST-AID MEASURES

Exposure Route	First-Aid Measures
General	In all cases of potential poisoning, obtain medical advice immediately.
Eye Contact	Irrigate copiously with water for at least 10 minutes. Obtain medical advice if irritation or evidence of tissue damage persists.
Inhalation	Remove affected person to fresh air and keep at rest. Obtain medical advice immediately.
Skin Contact	Remove contaminated clothing. Wash skin with large volumes of water. Obtain medical advice if irritation persists or tissue damage is apparent.
Ingestion	Rinse mouth with water. Obtain medical advice immediately.

Most Important Symptoms and Effects

No specific data available.

Immediate Medical Attention / Special Treatment

No specific data available.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

In the event of fire, use appropriate extinguishing media suitable for the surrounding fire.

Avoid inhalation of smoke and fumes.

Where ventilation is insufficient, wear suitable respiratory protective equipment.

5.2 Special Hazards

No specific hazard known.

5.3 Advice for Firefighters

No additional specific advice is provided in the source SDS.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions

Wear suitable protective gloves when handling spillages.

No Smoking.

Avoid naked flames and other potential ignition sources, including electrical equipment.

Avoid skin contamination and inhalation of material.

Ensure adequate ventilation following accidental release.

Follow appropriate personal washing procedures after potential contact.

6.2 Environmental Precautions



Do not discharge directly into:
Drains • Air • Soil • Aquatic Environment

6.3 Containment and Cleaning

Contain gross spillages by suitable means.
Use appropriate absorbent material where required.
Dispose of contaminated absorbent promptly in accordance with applicable local regulations.
Dispose of recovered material in accordance with governmental regulations.

SECTION 7: HANDLING AND STORAGE

7.1 Safe Handling

Avoid contact with skin and eyes.
Wear suitable protective gloves and eye/face protection.
Do not smoke.
Avoid ignition sources.
Use flameproof electrical equipment and spark-reduced tools where appropriate.
Avoid exposure to high temperatures during processing.
Do not ingest or apply directly to the skin in its concentrated form.
Maintain adequate local and general ventilation.
Follow good personal hygiene practices.

7.2 Storage Conditions

Store in:
Closed • Preferably Full Containers • Away From Heat Sources • Protected From Extremes of Temperature
Do not reuse empty containers.
Observe general compatibility requirements for storage.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Exposure Controls

Avoid exposure to high temperatures during processing.
Maintain adequate local and general ventilation where the material is handled and dispensed.
Minimise release into the environment.

8.2 Personal Protective Equipment

Protection	Recommendation
Respiratory Protection	Where ventilation is inadequate, use suitable respiratory protective equipment
Hand Protection	Chemical-resistant gloves complying with EN 374
Preferred Glove Materials	Neoprene or Nitrile



Protection	Recommendation
Eye Protection	Appropriate safety glasses
Skin Protection	Suitable protective clothing / overalls where necessary

For prolonged or frequently repeated contact, the source recommends gloves with protection class 4 or higher, with a breakthrough time greater than 120 minutes. For brief contact, class 1 or higher is recommended. Recommended glove thickness is ≥ 0.2 mm.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Specification
Appearance	Viscous Liquid
Colour	Dark Brown to Black
Odour	Characteristic Strong Odour
pH	Not Applicable
Melting Point / Range	Not Available
Initial Boiling Point / Range	Not Available
Flash Point – Closed Cup	>100 °C
Evaporation Rate	Not Available
Flammability	Not Available
Explosive Properties	Not Available
Vapour Pressure	Not Available
Vapour Density	Not Available
Relative Density (d ₂₀ /20)	Not Available
Water Solubility @ 20 °C	Not Available
Partition Coefficient	Not Available
Auto-Ignition Temperature	Not Available
Decomposition Temperature	Not Available
Viscosity	Not Available
Oxidising Properties	Not Available

These physical characteristics are stated in Section 9 of the supplied SDS.

SECTION 10: STABILITY AND REACTIVITY

Parameter	Information
Reactivity	No reaction known with water
Chemical Stability	Good stability at standard temperature



Parameter	Information
Hazardous Reactions	Not known
Conditions to Avoid	Excessive heat; do not heat closed containers; avoid oxidising agents
Incompatible Materials	Not known
Hazardous Decomposition Products	No dangerous decomposition products expected when stored under recommended conditions

The source specifically advises avoiding temperatures above, or within at least 5 °C below, the flash point for flammable liquids.

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicological Endpoint	Information
Acute Toxicity	No data available
Skin Corrosion / Irritation	No data available
Serious Eye Damage / Irritation	No data available
Respiratory / Skin Sensitisation	No data available
Germ Cell Mutagenicity	No data available
Carcinogenicity	No data available
Reproductive Toxicity	No data available
STOT – Single Exposure	No data available
STOT – Repeated Exposure	No data available
Aspiration Hazard	No data available

Note: Although detailed toxicological test data are not provided in Section 11, the product is classified in Section 2 as Skin Sensitisation Category 1B and Eye Irritation Category 2.

SECTION 12: ECOLOGICAL INFORMATION

Endpoint	Information
Toxicity	No data available
Persistence and Degradability	No data available
Bioaccumulative Potential	No data available
Mobility in Soil	No data available
PBT / vPvB Assessment	Not Applicable
Other Adverse Effects	No data available

The product is nevertheless classified as:

H412 – Harmful to aquatic life with long lasting effects.



SECTION 13: DISPOSAL CONSIDERATIONS

Unused and uncontaminated product should be treated as hazardous waste in accordance with applicable waste legislation.

Disposal must comply with applicable national and local requirements.

Used or contaminated packaging may require additional evaluation.

Do not dispose into sewers, soil or bodies of water.

The source refers specifically to the principles of Directive 2008/98/EC for waste disposal.

SECTION 14: TRANSPORT INFORMATION

Transport Information	ADR/RID	IMDG	ICAO/IATA
UN Number	Not Regulated	Not Regulated	Not Regulated
Proper Shipping Name	N/A	N/A	N/A
Transport Hazard Class	—	—	—
Packing Group	—	—	—
Environmental Hazard	No	No	Not Applicable

Special Precautions

Refer to the handling and storage precautions in Section 7.

Transport in Bulk

Not applicable.

The supplied SDS expressly reports the material as **not regulated for land, sea and air transport**.

SECTION 15: REGULATORY INFORMATION

The source SDS references:

Regulation (EC) No. 1272/2008 – Classification, Labelling and Packaging (CLP)

Regulation (EC) No. 1907/2006 – REACH

Commission Regulation (EU) 2015/830

Chemical Safety Assessment

No specific chemical safety assessment data are available in the supplied document.

SECTION 16: OTHER INFORMATION

FULL TEXT OF PRODUCT HAZARD STATEMENTS

H317 – May cause an allergic skin reaction.

H319 – Causes serious eye irritation.

H412 – Harmful to aquatic life with long lasting effects.

The underlying SDS was revised 16 April 2026 (Revision 4.0) and states validity through 15 April 2029.



DISCLAIMER

The information contained in this Safety Data Sheet is based on the available technical and safety information for the material and is intended as guidance for safe handling, storage, transportation and use.

The user is responsible for determining suitable conditions of use and ensuring compliance with applicable laws, regulations and finished-product safety requirements.

Authorised by:

Fozia Khot
Director