



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: Tobacco Absolute

Common Name: Tobacco Leaf Absolute (Low Nicotine)

Botanical Name: *Nicotiana tabacum* L.

INCI Name: *Nicotiana Tabacum* Leaf Extract

CAS Number: 73138-76-8

Product Type: Natural Absolute

Extraction Method: Solvent Extraction (Low Nicotine Grade)

Recommended Use

Perfumery raw material intended for fragrance creation, cosmetic manufacture, incense and aromatic applications.

Professional use only.

Supplier

Aromology Trading LLC

G05 Al Ghazal Building

Nadd Al Hamar

Dubai, United Arab Emirates

Email: info@aromology.com

Website: www.aromology.com

SECTION 2: Hazard Identification

Classification (GHS)

Based on available information for refined low-nicotine tobacco absolute, this material is classified as:

- Flammable Liquid – Category 3
- Aspiration Hazard – Category 1
- Skin Irritation – Category 2
- Skin Sensitisation – Category 1
- Eye Irritation – Category 2A
- Hazardous to the Aquatic Environment (Chronic) – Category 2

Signal Word

Danger



Hazard Pictograms

- GHS02 – Flame
- GHS07 – Exclamation Mark
- GHS08 – Health Hazard
- GHS09 – Environment

Hazard Statements

- H226 Flammable liquid and vapour.
- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H411 Toxic to aquatic life with long lasting effects.

Precautionary Statements

- P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking.
- P261 Avoid breathing vapours or mist.
- 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 with plenty of soap and water.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.
- P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
- P501 Dispose of contents/container according to local regulations.

SECTION 3: Composition / Information on Ingredients

Component	CAS No.	Concentration
Tobacco Absolute – Low Nicotine (<i>Nicotiana tabacum</i> L.)	73138-76-8	100%

SECTION 4: First Aid Measures

Inhalation

Move the affected person to fresh air.



Keep warm and at rest.

Seek medical attention if symptoms persist.

Skin Contact

Remove contaminated clothing.

Wash thoroughly with soap and water.

Seek medical advice if irritation or sensitisation develops.

Eye Contact

Immediately rinse cautiously with water for at least 15 minutes.

Remove contact lenses if present.

Seek medical attention if irritation persists.

Ingestion

Rinse mouth thoroughly.

Do not induce vomiting.

Immediately seek medical attention.

SECTION 5: Fire Fighting Measures

Suitable Extinguishing Media

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

Unsuitable Extinguishing Media

Do not use a direct water jet.

Hazardous Combustion Products

- Carbon monoxide
- Carbon dioxide



- Nitrogen oxides
- Irritating organic fumes

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

SECTION 6: Accidental Release Measures

Wear appropriate personal protective equipment.

Remove all ignition sources.

Prevent entry into drains and waterways.

Absorb with sand, vermiculite or other inert absorbent material.

Transfer to suitable labelled containers for disposal.

SECTION 7: Handling and Storage

Handling

- Avoid contact with skin and eyes.
- Avoid breathing vapours or mist.
- Use only with adequate ventilation.
- Observe good industrial hygiene practices.

Storage

Store in tightly closed original containers.

Keep in a cool, dry and well-ventilated location.

Protect from direct sunlight.

Keep away from heat, sparks and oxidising agents.

Recommended Storage Temperature: 15–25 °C

SECTION 8: Exposure Controls / Personal Protection

Engineering Controls

Provide adequate local exhaust ventilation.

Personal Protective Equipment



Eye Protection

Chemical safety goggles.

Hand Protection

Chemical-resistant nitrile gloves.

Respiratory Protection

Organic vapour respirator where ventilation is inadequate.

Body Protection

Protective laboratory clothing.

SECTION 9: Physical and Chemical Properties

Property	Specification
Appearance	Dark brown to black viscous liquid or semi-solid
Odour	Rich tobacco leaf, hay, honey, leathery, sweet, smoky
Physical State	Viscous liquid / Semi-solid
Relative Density (20 °C)	0.980–1.040
Refractive Index (20 °C)	1.5000–1.5600
Flash Point	>75 °C
Solubility	Insoluble in water
Solubility in Ethanol	Soluble

SECTION 10: Stability and Reactivity

Stable under recommended storage conditions.

Avoid excessive heat, direct sunlight, open flames and strong oxidising agents.

Hazardous decomposition products include carbon monoxide, carbon dioxide and nitrogen oxides.

SECTION 11: Toxicological Information

- May cause skin irritation.
- May cause allergic skin reactions.
- Causes serious eye irritation.
- Aspiration hazard if swallowed.



- This refined grade contains significantly reduced nicotine compared with conventional tobacco absolute; however, normal industrial hygiene precautions should be observed during handling.

SECTION 12: Ecological Information

Toxic to aquatic organisms with long-lasting effects.

Avoid uncontrolled release into the environment.

Expected to be inherently biodegradable.

SECTION 13: Disposal Considerations

Dispose of contents and containers according to applicable local, regional and national regulations.

Do not discharge into drains or waterways.

SECTION 14: Transport Information

Item	Information
UN Number	UN1169
Proper Shipping Name	Extracts, Aromatic, Liquid
Transport Hazard Class	3
Packing Group	III
Marine Pollutant	Yes

SECTION 15: Regulatory Information

Prepared in accordance with:

- Globally Harmonized System (GHS)
- REACH Regulation (EC) No. 1907/2006
- CLP Regulation (EC) No. 1272/2008

SECTION 16: Other Information

Tobacco Absolute – Low Nicotine is produced by solvent extraction of cured leaves of *Nicotiana tabacum* followed by additional refinement to reduce naturally occurring nicotine. The resulting material retains the characteristic rich tobacco aroma with notes of cured leaf, hay, honey, leather and dried fruit while offering substantially reduced nicotine content. It is widely used in fine fragrance, leather accords, tobacco accords, amber compositions and oriental fragrances.



The information contained in this Safety Data Sheet is believed to be accurate at the date of issue and is intended solely as guidance for the safe handling, storage, transport and use of this material. It does not constitute a warranty regarding product performance or suitability for any particular application.

Authorised By:
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