



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: Burley Tobacco Extract CO₂
Botanical Name: *Nicotiana tabacum* L.
INCI Name: Nicotiana Tabacum Leaf Extract
CAS Number: 84650-02-2
EC Number: 283-483-3
Product Type: Natural CO₂ Extract
Plant Part: Cured Leaves
Extraction Method: Supercritical Carbon Dioxide (CO₂) Extraction
Origin: Indonesia
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

- Acute Toxicity (Oral) – Category 4
- Skin Irritation – Category 2
- Skin Sensitisation – Category 1
- Eye Irritation – Category 2A
- Hazardous to the Aquatic Environment (Chronic) – Category 2

Signal Word

Warning



Hazard Statements

- H302 Harmful if swallowed.
- 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

- 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 and eye protection.
- P301+P312 IF SWALLOWED: Call a POISON CENTRE or physician if you feel unwell.
- P302+P352 IF ON SKIN: Wash thoroughly with soap and water.
- P333+P313 If skin irritation or rash occurs: Get medical advice.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.
- P391 Collect spillage.
- P501 Dispose of contents/container according to local regulations.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Component	Information
Product	Burley Tobacco Extract CO ₂ – Indonesia
Botanical Name	<i>Nicotiana tabacum</i> L.
INCI Name	Nicotiana Tabacum Leaf Extract
CAS Number	84650-02-2
EC Number	283-483-3
Purity	100% Natural CO ₂ Extract

Typical Naturally Occurring Constituents

- Nicotine (naturally occurring)
- Neophytadiene
- Solanone
- Megastigmatrienones
- β -Damascenone
- Farnesene
- Phenolic compounds
- Diterpenes



- Long-chain hydrocarbons
 - Tobacco resins and waxes
-

SECTION 4 – FIRST AID MEASURES

Inhalation: Move exposed person to fresh air. Obtain medical attention if symptoms persist.

Skin Contact: Remove contaminated clothing and wash thoroughly with soap and water.

Eye Contact: Flush cautiously with water for at least 15 minutes. Seek medical attention if irritation persists.

Ingestion: Rinse mouth. Do not induce vomiting. Obtain immediate medical attention.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable Extinguishing Media

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

Hazardous Combustion Products

Carbon monoxide, carbon dioxide, nitrogen oxides and irritating organic vapours.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Wear suitable personal protective equipment.

Prevent release into drains and waterways.

Absorb with inert absorbent material and transfer into suitable disposal containers.



SECTION 7 – HANDLING AND STORAGE

Avoid prolonged contact with skin.

Use only in well-ventilated areas.

Keep container tightly closed.

Store away from heat, direct sunlight and oxidising agents.

Recommended Storage Temperature: 5–20°C

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

- Chemical safety goggles
 - Nitrile gloves
 - Protective clothing
 - Local exhaust ventilation
-

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Property	Specification
Appearance	Viscous liquid to semi-solid
Colour	Dark Brown to Black
Odour	Rich tobacco, hay, dried leaf, cocoa, smoky, leathery
Relative Density (20 °C)	0.980–1.050
Refractive Index (20 °C)	1.480–1.560
Flash Point	>100 °C
Solubility in Water	Insoluble
Solubility	Soluble in ethanol with warming and perfumery solvents

SECTION 10 – STABILITY AND REACTIVITY

Stable under recommended storage conditions.

Avoid:

- Strong oxidising agents



- Excessive heat
- Open flames
- Prolonged exposure to air

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

SECTION 11 – TOXICOLOGICAL INFORMATION

Harmful if swallowed.

May cause skin irritation and allergic skin reactions.

Contains naturally occurring nicotine, which contributes to the toxicological profile of the extract.

Avoid repeated or prolonged skin exposure.

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	UN3082
Proper Shipping Name	Environmentally Hazardous Substance, Liquid, N.O.S. (Tobacco Extract)
ADR/RID	Class 9



IMDG	Class 9
IATA	Class 9
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
-

SECTION 16 – OTHER INFORMATION

Burley Tobacco Extract CO₂ – Indonesia is produced by supercritical carbon dioxide extraction of cured leaves of *Nicotiana tabacum*. It exhibits a rich, warm tobacco profile with notes of cured leaf, cocoa, hay, leather, dried fruit and light smoky nuances. The extract is widely used in fine fragrance, leather accords, gourmand, amber and tobacco compositions. Naturally occurring nicotine and tobacco alkaloids contribute to its toxicological characteristics and should be considered during handling.

Document Version: 1.0

Issue Date: 05 July 2026

Prepared By:
Fozia Khot
Director