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MATERIAL SAFETY DATA SHEET (MSDS)

According to UN GHS / OSHA HCS (29 CFR 1910.1200)

TOBACCO ABSOLUTE CO₂

(*Nicotiana tabacum extract*)

SECTION 1: IDENTIFICATION

Product Name: Tobacco Absolute CO₂

Product Code: TOBABSCO2

CAS Number: 8037-19-2

EC Number: 284-656-5

Recommended Use:

Fragrance and flavour ingredient (professional use)

Supplier:

AROMOLOGY

G05 Alghazal Building

Nadd Al Hamar

Dubai, United Arab Emirates

Email: info@aromology.com

Website: www.aromology.com

Emergency Contact:

Local emergency services / Poison Control

SECTION 2: HAZARD IDENTIFICATION

GHS Classification

- Acute Toxicity (Oral) – Category 4 (H302)
- Acute Toxicity (Dermal) – Category 1 (H310)
- Aquatic Chronic Toxicity – Category 3 (H412)

Signal Word:

DANGER



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Hazard Statements

- **H302:** Harmful if swallowed
 - **H310:** Fatal in contact with skin
 - **H412:** Harmful to aquatic life with long lasting effects
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Precautionary Statements

- P262 – Do not get in eyes, on skin or clothing
- P264 – Wash thoroughly after handling
- P273 – Avoid release to the environment
- P280 – Wear protective gloves / eye protection / face protection

Response

- P302 + P352 + P310 – IF ON SKIN: Wash with plenty of water. Immediately call a POISON CENTER/doctor
 - P361 + P364 – Remove contaminated clothing and wash before reuse
 - P501 – Dispose of contents/container in accordance with regulations
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SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Substance	CAS	EC	Concentration
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Tobacco Absolute CO ₂	8037-19-2	284-656-5	100%
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SECTION 4: FIRST AID MEASURES

Eye Contact:

Rinse thoroughly with plenty of water. Seek medical advice if needed.

Skin Contact:

Wash immediately with water and non-abrasive soap. Apply emollient. Seek medical attention if irritation persists.

Inhalation:

Move to fresh air. If unconscious, place in recovery position and seek medical advice.



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Ingestion:

Keep respiratory tract clear. Do not give milk or alcohol. Do not give anything to an unconscious person. Seek medical attention.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:

Dry chemical powder, water spray, fog, foam

Unsuitable:

Do not use water jet

Protection:

Self-contained breathing apparatus required

SECTION 6: ACCIDENTAL RELEASE MEASURES

- Avoid contact with skin, eyes, and inhalation
 - Ensure ventilation
 - Prevent entry into sewage or environment
 - Absorb with inert material (sand, cloth)
 - Dispose according to local regulations
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SECTION 7: HANDLING AND STORAGE

Handling:

Avoid contact with eyes, skin, and clothing

Storage:

Keep container tightly closed in a cool, well-ventilated place

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:

Not established

PPE:

- Chemical safety goggles
- Protective gloves



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- Protective clothing

Respiratory Protection:

Required if ventilation insufficient

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Physical State	Viscous liquid
Colour	Dark brown
Odour	Tobacco, sweet, woody, floral
Flash Point	>95 °C

SECTION 10: STABILITY AND REACTIVITY

- Stable under normal conditions
 - Avoid heat, sparks, and ignition sources
 - No hazardous decomposition products known
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SECTION 11: TOXICOLOGICAL INFORMATION

- Harmful if swallowed
- Fatal in contact with skin

LD50 / LC50: Not available

SECTION 12: ECOLOGICAL INFORMATION

- Harmful to aquatic life with long lasting effects
 - Avoid release into environment
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SECTION 13: DISPOSAL CONSIDERATIONS

Dispose according to local regulations.
Do not allow product to reach sewage system.



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SECTION 14: TRANSPORT INFORMATION

Mode	Details
UN Number	UN 2810
Proper Shipping Name	Toxic liquid, organic, n.o.s. (Tobacco extract)
Class	6.1
Packing Group	II
Marine Pollutant	Yes

SECTION 15: REGULATORY INFORMATION

No specific regulatory data available.

SECTION 16: OTHER INFORMATION

This MSDS is based on supplier documentation and is believed to be accurate at the time of preparation.

No warranty expressed or implied.