

**SAFETY DATA SHEET (SDS)
COFFEE CO₂ EXTRACT**

1. IDENTIFICATION

Product Description:	COFFEE CO ₂ EXTRACT
Botanical Name:	Coffea arabica
INCI Name:	Coffea Arabica (Coffee) Seed Oil
CAS #:	84650-00-0
EC #:	283-481-1
Extraction Method:	Supercritical CO ₂ extraction
Recommended Use:	Concentrated aromatic ingredient used in perfumery, cosmetics, aromatherapy products, and personal care formulations according to legal and IFRA guidelines.
Company Name:	GABRIELLA OILS
Website:	www.gabrielloils.com
Email:	info@gabrielloils.com
Document ID:	GO-SDS-0001 Revision 1.0 Issue Date: 30 June 2026

2. HAZARD(S) IDENTIFICATION

Physical Hazards:	Not classified based on available typical data.
Health Hazards:	Not classified based on available typical data. May cause mild skin or eye irritation in sensitive individuals.
Environmental Hazards:	Not classified as environmentally hazardous. Avoid release to drains, soil and watercourses.
Label elements:	No GHS pictogram required based on available typical data.
Signal word:	No signal word required.
Hazard Statements:	Not classified. Handle using good industrial hygiene and safety practice.
Prevention	P264 Wash hands thoroughly after handling. P280 Wear protective gloves/eye protection where prolonged or repeated contact is possible.
Response	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. If irritation persists, seek medical advice.
Storage	P403 Store in a well-ventilated place. Keep container tightly closed. Protect from heat, light and sources of ignition.
Disposal	P501 Dispose of contents/container in accordance with local, regional, national and international regulations.
Hazard(s) not otherwise classified (HNOC):	None known.
Supplemental information:	This SDS is based on typical information for cosmetic-grade Coffee CO ₂ Extract. Exact classification and values should be verified against the supplier Certificate of Analysis and current regulatory data.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name / INCI Name	CAS Number	EINECS Number	%
Coffea Arabica (Coffee) Seed Oil	84650-00-0	283-481-1	100

Note: CAS and EC references for botanical extracts may vary by supplier and regulatory inventory.

4. FIRST-AID MEASURES

Inhalation	Remove to fresh air and keep at rest in a position comfortable for breathing. Seek medical advice if symptoms develop or persist.
Skin Contact	Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation develops or persists.
Eye Contact	Remove contact lenses, if present and easy to do. Rinse cautiously with plenty of water while lifting the eyelids. Get medical attention if irritation persists.
Ingestion	Rinse mouth with water. Do not induce vomiting. Seek medical advice if a significant quantity has been swallowed or if symptoms occur.
Most important symptoms/effects, acute and delayed	Direct contact may cause temporary eye or skin irritation in sensitive individuals.
Indication of immediate medical attention and special treatment needed	Treat symptomatically.
General information	Ensure that medical personnel are aware of the material involved. Show this safety data sheet to

	the doctor in attendance.
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5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:	Water spray, CO ₂ , dry chemical powder, or alcohol-resistant foam.
Unsuitable Extinguishing Media:	Do not use a solid water stream as it may spread fire.
Protective Equipment:	Firefighters should wear self-contained breathing apparatus and full protective gear.
Specific hazards arising from the chemical:	Thermal decomposition or combustion may produce carbon oxides and irritating fumes.
Special protective equipment and precautions for firefighters:	Use standard firefighting procedures and consider the hazards of other involved materials. Cool unopened containers with water spray if safe to do so.
General fire hazards:	Product is combustible at elevated temperatures. Avoid heat, sparks, open flames and other ignition sources.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:	Keep unnecessary personnel away. Avoid contact with skin and eyes. Ensure adequate ventilation. Wear suitable protective clothing, gloves and eye protection.
Methods and materials for containment and cleaning up:	Stop the flow of material if this is without risk. Absorb with inert absorbent such as dry clay, sand, diatomaceous earth or commercial sorbent. Place in a suitable labelled container for disposal.
Small Spills:	Wipe up with absorbent material. Clean the surface thoroughly to remove residual contamination.
Large Spills:	Dike the spilled material where possible. Prevent product from entering drains, waterways or soil. Collect absorbed material for disposal according to Section 13.
Environmental precautions:	Avoid release to the environment. Contact local authorities in case of significant spillage to drains or aquatic environment.

7. HANDLING AND STORAGE

Precautions for safe handling:	Avoid contact with eyes, skin and clothing. Avoid breathing vapour or mist. Keep away from heat and ignition sources. Wash thoroughly after handling.
Conditions for safe storage, including any incompatibilities:	Keep container tightly closed. Store in a cool, dry and well-ventilated place away from direct sunlight, heat and incompatible materials. Recommended storage in full, sealed containers under normal ambient conditions.
Shelf life:	Typical shelf life 24 months when stored correctly in unopened original packaging.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits:	No exposure limits noted for the ingredient.
Biological limit values:	No biological exposure limits noted.
Appropriate engineering controls:	Good general ventilation should be sufficient under normal handling conditions. Provide local exhaust ventilation if vapour or mist is generated.

Individual protection measures, such as personal protective equipment

Eye/face protection:	Wear safety glasses with side shields or goggles where splashing is possible.
Skin protection - Hand protection:	Wear suitable chemical-resistant gloves for prolonged or repeated handling.
Skin protection - Other:	Wear suitable protective clothing to prevent repeated or prolonged skin contact.
Respiratory protection:	Respiratory protection is normally not required. If ventilation is insufficient, use suitable respiratory protection.
Thermal hazards:	Wear appropriate thermal protective clothing when necessary.
General hygiene considerations:	Always observe good personal hygiene measures, such as washing after handling and before eating, drinking or smoking. Launder contaminated clothing before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Dark amber to dark brown viscous liquid
Odour:	Warm, rich roasted coffee aroma
pH:	Not applicable / not available.
Melting point/freezing point:	Not available.
Initial boiling point and boiling range:	Not available.
Flash point:	>100 degrees C (typical).

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Evaporation rate:	Not available.
Flammability (solid, gas):	Not applicable.
Vapour pressure:	Not available.
Refractive Index:	1.470 - 1.490 @ 25 degrees C.
Relative density:	0.950 - 1.050 @ 25 degrees C.
Solubility in water:	Insoluble.
Solubility in oil:	Oil soluble.
Auto-ignition temperature:	Not available.
Decomposition temperature:	Not available.
Viscosity:	Viscous liquid; exact value not available.

10. STABILITY AND REACTIVITY

Reactivity:	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability:	Material is stable under normal conditions.
Possibility of hazardous reactions:	No dangerous reaction known under conditions of normal use.
Conditions to avoid:	Avoid excessive heat, sparks, open flames, direct sunlight and incompatible materials.
Incompatible materials:	Strong oxidizing agents.
Hazardous decomposition products:	No hazardous decomposition products if stored and handled as indicated. Combustion may produce carbon oxides and irritating fumes.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure - Inhalation:	Not expected to present a significant inhalation hazard under normal conditions of use.
Skin contact:	May cause mild irritation in sensitive individuals after prolonged or repeated contact.
Eye contact:	Direct contact may cause temporary irritation.
Ingestion:	Expected to be a low ingestion hazard in small incidental quantities. Not intended for ingestion.
Symptoms related to the physical, chemical and toxicological characteristics:	Temporary skin or eye irritation may occur.
Acute toxicity:	Not available.
Skin corrosion/irritation:	Not classified based on available typical data.
Serious eye damage/eye irritation:	Not classified based on available typical data.
Respiratory or skin sensitization:	Not classified based on available typical data; sensitization is possible in susceptible individuals.
Germ cell mutagenicity:	Not classified based on available typical data.
Carcinogenicity:	Not classified. Not listed by IARC, OSHA or NTP based on available typical data.
Reproductive toxicity:	Not classified based on available typical data.
Specific target organ toxicity - single exposure:	Not classified based on available typical data.
Specific target organ toxicity - repeated exposure:	Not classified based on available typical data.
Aspiration hazard:	Not classified based on available typical data.

12. ECOLOGICAL INFORMATION

Ecotoxicity:	The product is not classified as environmentally hazardous. Large or frequent spills may nevertheless have a harmful or damaging effect on the environment.
Persistence and degradability:	No data available for the substance.
Bioaccumulative potential:	No data available.
Mobility in soil:	No data available. Product is immiscible with water and may spread on the water surface.
Other adverse effects:	No other adverse environmental effects are expected from this component based on available typical data.

13. DISPOSAL CONSIDERATIONS

Disposal instructions:	Do not discharge into drains, water courses or onto the ground. Dispose of contents/container in accordance with local, regional, national and international regulations.
Local disposal regulations:	Dispose in accordance with all applicable regulations.

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Hazardous waste code:	Not established.
Waste from residues / unused products:	Empty containers or liners may retain product residues. Dispose of in a safe manner.
Contaminated packaging:	Follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. TRANSPORT INFORMATION

Transport Rule	Hazard class	Packing group	UN number
Land RID/ADR	Not Regulated	Not Regulated	Not Regulated
Maritime IMDG	Not Regulated	Not Regulated	Not Regulated
Air IATA/GR	Not Regulated	Not Regulated	Not Regulated

15. REGULATORY INFORMATION

UK/EU regulatory information:	Prepared in accordance with UK REACH and retained CLP Regulation (EC) No 1272/2008 terminology, using available typical supplier information for cosmetic-grade Coffee CO ₂ Extract.
Chemical safety assessment:	No chemical safety assessment has been carried out by Gabriella Oils for this product.
Cosmetic use:	Use in cosmetic products should comply with applicable cosmetic regulations and any relevant IFRA guidance for the intended application.
Transport classification:	Not regulated as dangerous goods based on available typical data.

16. OTHER INFORMATION

Revision information:	Version 1.0; initial issue for Coffee CO ₂ Extract; issued 30 June 2026.
Disclaimer:	Gabriella Oils cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The above information relates only to this product and not to its use in combination with any other material or any particular process and is designed only as guidance for the safe handling, use, processing, storage, transportation and disposal. It should not be considered as a guarantee or quality specification. It is the sole responsibility of the individual(s) purchasing this product to assess its safety in the final application. The information is based on data provided by and collected from recognized sources such as distributors, manufacturers and technical groups and is considered to be accurate to the best of our knowledge. Appropriate warnings and safe handling procedures should be provided to all handlers and users, taking into account the intended use and the specific conditions and factors relating to such use in accordance with all applicable laws and regulations.