



SAFETY DATA SHEET (SDS)

Product: NUSIA Premium Fermented Cold Brew

Date of Preparation: November 30, 2025

SECTION 1: IDENTIFICATION

- **Product Name:** NUSIA Coffee Cold Brew
- **Product Description:** Ready-to-drink fermented cold brew coffee beverage.
- **Recommended Use:** Food/Beverage for human consumption.
- **Manufacturer/Supplier:** NUSIA Coffee

PT CITA FERMENTA INDONESIA

Address: JIA Business Center Jalan Cut Mutia Nomor 30, Desa/Kelurahan Margahayu,
Kec. Bekasi Timur, Kota Bekasi, Provinsi Jawa Barat, Kode Pos: 17113

- **Emergency Telephone:** +62-8118704548

SECTION 2: HAZARD(S) IDENTIFICATION

- **Classification of the Substance or Mixture:**
 - This product is not classified as hazardous according to OSHA Hazard Communication Standard (29 CFR 1910.1200) or GHS (Globally Harmonized System).
- **Signal Word:** None.
- **Hazard Statements:** None.
- **Precautionary Statements:**
 - *Prevention:* No special measures required.
 - *Response:* If allergic reaction occurs, seek medical attention.

- *Storage:* Keep refrigerated to maintain quality and safety (See Section 7).
- **Hazards Not Otherwise Classified:** Spills may cause slippery floors.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

- **Chemical Characterization:** Mixture
- **Principal Components:**

Component	CAS No.	Percentage (%)
Water (H ₂ O)	7732-18-5	> 95%
Coffea Robusta Seed Extract	84650-00-0	1 - 5%
Natural Fermentation Byproducts*	N/A	< 1%
Caffeine	58-08-2	Variable (approx. 40-100mg/100ml)

**Includes naturally occurring organic acids (acetic, lactic) from the West Java fermentation process.*

SECTION 4: FIRST-AID MEASURES

- **Inhalation:** No specific treatment is necessary. Unlikely route of exposure.
- **Skin Contact:** No specific hazard. Wash with water if sticky.
- **Eye Contact:** Flush eyes with water as a precaution if splashed. Remove contact lenses if present.
- **Ingestion:** Product is intended for consumption. If large quantities are consumed and symptoms of caffeine overdose (jitters, rapid heartbeat) occur, seek medical attention.

SECTION 5: FIRE-FIGHTING MEASURES

- **Flammability:** Non-flammable.
- **Suitable Extinguishing Media:** Use media appropriate for surrounding fire (Water spray, foam, dry powder).
- **Specific Hazards:** None known. Packaging (plastic/glass bottles) may burn/burst if exposed to extreme heat.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- **Personal Precautions:** Watch your step; spilled liquid can be slippery.
- **Environmental Precautions:** Fully biodegradable. No special environmental hazards.
- **Methods for Cleanup:** Mop up spills with absorbent material (cloth, paper towels). Rinse area with water.

SECTION 7: HANDLING AND STORAGE

- **Handling:** Handle with care to prevent breakage of containers.
- **Storage:**
 - **Keep Refrigerated (0°C - 4°C / 32°F - 40°F).**
 - Store away from direct sunlight and strong odors.
 - *Note:* As a fermented product without heavy artificial preservatives, maintaining the cold chain is critical to prevent spoilage or over-fermentation (bottle swelling).

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

- **Exposure Limits:** None established for this mixture.
- **Engineering Controls:** General ventilation is adequate.
- **Personal Protective Equipment (PPE):**
 - *Eye/Face:* Not required for normal handling.
 - *Skin:* Not required.
 - *Respiratory:* Not required.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

- **Appearance:** Dark brown/black liquid.
- **Odor:** Characteristic coffee aroma with slight fruity/acidic notes (due to fermentation).
- **pH:** 4.8 – 5.5 (Slightly acidic).
- **Melting/Freezing Point:** ~0°C (32°F).
- **Boiling Point:** ~100°C (212°F).
- **Flash Point:** N/A (Non-combustible).
- **Solubility in Water:** Complete.

SECTION 10: STABILITY AND REACTIVITY

- **Reactivity:** Stable under normal conditions.
- **Chemical Stability:** Stable if refrigerated.
- **Conditions to Avoid:** Excessive heat (accelerates fermentation/spoilage).
- **Incompatible Materials:** Strong oxidizing agents (e.g., bleach) – though reaction is minimal.
- **Hazardous Decomposition Products:** None.

SECTION 11: TOXICOLOGICAL INFORMATION

- **Acute Toxicity:** None expected.
- **Potential Health Effects:**
 - Contains **Caffeine:** Sensitive individuals may experience insomnia, anxiety, or gastrointestinal irritation if consumed in excess.

- **Carcinogenicity:** Not listed as a carcinogen by IARC, NTP, or OSHA.

SECTION 12: ECOLOGICAL INFORMATION

- **Ecotoxicity:** Material is organic and biodegradable.
- **Persistence and Degradability:** Rapidly degradable.

SECTION 13: DISPOSAL CONSIDERATIONS

- **Waste Disposal Method:** Liquid can be disposed of down the drain. Recycle packaging materials (glass/paper) according to local West Java recycling regulations.

SECTION 14: TRANSPORT INFORMATION

- **DOT / IATA / IMDG:** Not regulated as a dangerous good.
- **Special Transport Precautions:** Transport under refrigeration/cool conditions recommended to preserve product quality.

SECTION 15: REGULATORY INFORMATION

- **Indonesia Regulations:** Complies with BPOM food safety standards (verify specific category for coffee beverages).
- **Halal Status:** ID32110015613810224