

BLACK PEPPER CHAI

SAFETY DATA SHEET | Indigo Fragrance - English (US)

SECTION 1: Identification

Product identifier: Black Pepper Chai

Product form: Mixture

CAS number: Mixture

Indigo product code: FOBPC

Recommended use and restrictions: No further information available in the source SDS.

Distributor / customer contact

Indigo Fragrance (AromaStorm Indigo Fragrance LLC)
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Emergency Telephone

INFOTRAC US/Canada 1-800-535-5053; International 1-352-323-3500.
Confirm emergency-service coverage for Indigo Fragrance before publishing.

SECTION 2: Hazard identification

GHS-US classification: Skin irritation Category 2 (H315); Eye irritation Category 2 (H319); Skin sensitization Category 1 (H317).

Signal word: Warning

Pictogram: GHS07 (exclamation mark).

Hazard statements: H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation.

Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapors/spray. P264 Wash hands, forearms and face thoroughly after handling. P272 Contaminated work clothing should not be allowed out of the workplace. P280 Wear protective gloves. P302+P352 IF ON SKIN: Wash with plenty of 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. P321 Specific treatment (see supplemental first-aid instructions on label). P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P337+P313 If eye irritation persists: Get medical advice/attention. P362+P364 Take off contaminated clothing and wash it before reuse. P501 Dispose of contents/container to a hazardous or special waste collection point in accordance with applicable local, regional, national and international regulations.

Other hazards: No further information available.

Unknown acute toxicity: Not applicable.

SECTION 3: Composition / information on ingredients

Mixture. Ingredient ranges and classifications are reproduced from the supplied source SDS.

Ingredient (CAS)	Concentration	GHS classifications
Hexyl cinnamal (101-86-0)	10-30%	Skin Sens. 1B H317
Eugenol (97-53-0)	5-10%	Eye Irrit. 2A H319; Skin Sens. 1B H317
Linalool (78-70-6)	5-10%	Flam. Liq. 4 H227; Skin Irrit. 2 H315; Eye Irrit. 2A H319; Skin Sens. 1B H317

Ingredient (CAS)	Concentration	GHS classifications
Methyl cinnamic aldehyde (101-39-3)	5-10%	Skin Sens. 1B H317
Linalyl acetate (115-95-7)	1-5%	Flam. Liq. 4 H227; Skin Irrit. 2 H315; Eye Irrit. 2B H320; Skin Sens. 1B H317
Phenyl ethyl alcohol (60-12-8)	1-5%	Acute Tox. 4 Oral H302; Eye Irrit. 2A H319
Iso E Super (54464-57-2)	1-5%	Skin Irrit. 2 H315; Skin Sens. 1B H317
Benzyl alcohol (100-51-6)	1-5%	Acute Tox. 4 Oral H302; Acute Tox. 4 inhalation dust/mist H332; Eye Irrit. 2A H319
Beta-caryophyllene (87-44-5)	1-5%	Skin Sens. 1B H317; Asp. Tox. 1 H304
Geraniol (106-24-1)	0.1-1%	Skin Irrit. 2 H315; Eye Dam. 1 H318; Skin Sens. 1 H317
Citral (5392-40-5)	0.1-1%	Skin Irrit. 2 H315; Eye Irrit. 2A H319; Skin Sens. 1 H317

SECTION 4: First-aid measures

General: If you feel unwell, seek medical advice.

Inhalation: Move person to fresh air and keep comfortable for breathing.

Skin contact: Wash skin with plenty of water. Remove contaminated clothing. If irritation or rash develops, seek medical advice.

Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If irritation persists, seek medical advice.

Ingestion: Call a poison center or doctor if you feel unwell.

Most important symptoms: After inhalation: none under normal conditions. After skin contact: irritation; allergic skin reaction possible. After eye contact: eye irritation. After ingestion: none under normal conditions.

Immediate medical attention: Treat symptomatically.

SECTION 5: Fire-fighting measures

Suitable extinguishing media: Water spray, dry powder, foam, carbon dioxide.

Unsuitable extinguishing media: Do not use a heavy water stream.

Specific hazards: Source SDS states no fire hazard and no direct explosion hazard.

Advice for fire-fighters: Fight fire from a safe distance and protected location. Do not enter fire area without adequate protective equipment including respiratory protection. Wear self-contained breathing apparatus and full protective clothing.

SECTION 6: Accidental release measures

General precautions: Stop leak if safe to do so. Notify authorities if product enters drains or public waters. Absorb spillage to prevent property damage.

Non-emergency personnel: Wear recommended PPE, ventilate spill area, avoid skin and eye contact and breathing dust/fume/gas/mist/vapors/spray.

Emergency responders: Evacuate unnecessary personnel. Stop leak if safe. Do not act without suitable protective equipment; see Section 8.

Environmental precautions: Avoid release to the environment.

Containment: Absorb spilled material with sand or earth; use dikes or absorbents to prevent spread and entry to drains or waterways.

Cleaning: Absorb spilled liquid with absorbent material. Dispose of materials or solid residues at authorized sites.

Reference: See Section 13 for disposal.

SECTION 7: Handling and storage

Safe handling: Ensure good workplace ventilation. Avoid contact with eyes and skin. Wear PPE. Avoid breathing dust/fume/gas/mist/vapors/spray. No significant additional hazard expected under anticipated normal conditions.

Hygiene: Wash contaminated clothing before reuse. Do not wear contaminated work clothing or smoke while using this product. Wash hands after handling.

Storage: Keep cool, in a well-ventilated place away from heat. Protect from sunlight. Store in a container made of the same material as the original.

SECTION 8: Exposure controls / personal protection

Control parameters: The source lists no applicable exposure parameters for benzyl alcohol, beta-caryophyllene, eugenol, linalool, citral, geraniol, hexyl cinnamal, Iso E Super, linalyl acetate, methyl cinnamic aldehyde or phenyl ethyl alcohol.

Engineering controls: Ensure good ventilation of workplace. Avoid environmental release.

Hand protection: Protective gloves.

Eye protection: Safety glasses.

Skin / body protection: Suitable protective clothing.

Respiratory protection: If ventilation is insufficient, wear appropriate respiratory equipment.

SECTION 9: Physical and chemical properties

Property	Source value
Physical state	Liquid
Color / odor / odor threshold	No data available
pH	No data available
Melting point	Not applicable
Freezing / boiling points	No data available
Flash point	Approximately 96 degrees C
Relative evaporation rate (butyl acetate=1)	No data available
Flammability	Not applicable
Vapor pressure / vapor density at 20 C	No data available
Relative density / solubility	No data available
Partition coefficient (log Pow)	No data available
Autoignition / decomposition temperature	No data available
Kinematic / dynamic viscosity	No data available
Explosion limits / explosive or oxidizing properties	No data available

Other information: No further information available.

SECTION 10: Stability and reactivity

Reactivity: Non-reactive under normal use, storage and transport conditions.

Chemical stability: Stable under normal conditions.

Hazardous reactions: None known under normal conditions of use.

Conditions to avoid: None under recommended storage and handling conditions (Section 7).

Incompatible materials: No further information available.

Hazardous decomposition products: None expected under normal storage and use.

SECTION 11: Toxicological information

Acute toxicity: No data available for acute oral, dermal or inhalation toxicity of the mixture.

Ingredient toxicology values from source SDS

Ingredient	Reported value
Benzyl alcohol	Oral rat LD50 1620 mg/kg bw/day; dermal rabbit LD50 >2000 mg/kg; inhalation rat LC50 >4.178 mg/L (4 h aerosol); US ATE oral 1620 mg/kg; US ATE dust/mist 1.5 mg/L/4 h
Eugenol	US ATE oral 2500 mg/kg bw
Linalool	Oral rat LD50 2790 mg/kg bw; dermal rabbit LD50 5610 mg/kg bw; US ATE oral 2790 mg/kg bw; US ATE dermal 5610 mg/kg bw
Geraniol	Oral rat LD50 3600 mg/kg bw; dermal rabbit LD50 >5000 mg/kg; US ATE oral 3600 mg/kg bw
Hexyl cinnamal	US ATE oral 3100 mg/kg bw
Phenyl ethyl alcohol	Oral rat LD50 >1790 mg/kg; dermal rabbit LD50 >808 mg/kg; inhalation rat LC50 >1.4 mg/L (4 h); US ATE oral 1610 mg/kg bw; dermal 2500 mg/kg bw

Skin corrosion/irritation: Causes skin irritation.

Serious eye damage/irritation: Causes serious eye irritation.

Sensitization: May cause an allergic skin reaction.

Mutagenicity / carcinogenicity / reproductive toxicity: No data available. Eugenol IARC Group 3 (not classifiable).

STOT single and repeated exposure: No data available; linalool dermal NOAEL (90-day rat) 250 mg/kg bw.

Aspiration hazard / kinematic viscosity: No data available.

Symptoms: Inhalation and ingestion: none under normal conditions; skin: irritation and possible allergic reaction; eyes: irritation.

SECTION 12: Ecological information

General: Source SDS states mixture is not considered harmful to aquatic organisms or likely to cause long-term adverse environmental effects.

Aquatic toxicity

Ingredient	Aquatic toxicity reported in source
Benzyl alcohol	Fish LC50 460 mg/L (96 h); crustacean EC50 230 mg/L (48 h); algae ErC50 770 mg/L (72 h)
Linalool	Fish LC50 27.8 mg/L (96 h); crustacean EC50 59 mg/L (48 h); algae ErC50 156.7 mg/L (96 h)
Geraniol	Fish LC50 22 mg/L (96 h); crustacean EC50 10.8 mg/L (48 h); algae ErC50 13.1 mg/L (72 h)
Linalyl acetate	Fish LC50 11 mg/L (96 h); crustacean EC50 15 mg/L (48 h)
Phenyl ethyl alcohol	Fish LC50 220-260 mg/L (96 h); crustacean EC50 287.17 mg/L (48 h)

Persistence and degradability

Benzyl alcohol: biodegradable in soil and readily biodegradable in water; BOD 1.6 g O₂/g, COD 2.4 g O₂/g, ThOD 2.5 g O₂/g. Linalool, geraniol and linalyl acetate: readily biodegradable in water. Phenyl ethyl alcohol: biodegradable in soil and readily biodegradable in water; BOD 1.45 g O₂/g, COD 2.5 g O₂/g, ThOD 2.6 g O₂/g, BOD/ThOD 0.558.

Bioaccumulative potential

Benzyl alcohol log Pow 1-1.1; linalool 2.84; geraniol 2.6; linalyl acetate 3.93; phenyl ethyl alcohol 1.38. Source describes each as low bioaccumulation potential (log Kow below 4).

Mobility in soil

Benzyl alcohol surface tension 39 mN/m at 20 C; no soil mobility test data. Linalool surface tension 8.3 mN/m at 20 C; no soil mobility test data. Geraniol log Koc 1.85, highly mobile in soil. Linalyl acetate adsorbs into soil.

Other adverse effects: No further information available.

SECTION 13: Disposal considerations

Waste treatment methods: Dispose of contents/container in accordance with official regulations and authorized collector recycling instructions. Wastewater, product and packaging disposal must comply with applicable regulations. Do not reuse empty containers.

SECTION 14: Transport information

US DOT shipping description: UN3082, Environmentally hazardous substances, liquid, n.o.s. (l Packing Group III.

UN number: UN3082

Proper shipping name: Environmentally hazardous substances, liquid, n.o.s. (Hexyl cinnamal)

Hazard class / label: 9 - Miscellaneous dangerous goods

Packing group: III

DOT packaging: Non-bulk 203; bulk 241; packaging exception 155.

DOT symbol: G (proper shipping name requires technical name).

Special provisions: 8, 146, 173, 335, IB3, T4, TP1, TP29 (consult applicable DOT regulations for full legal text).

Aircraft quantity limitations: Passenger aircraft/rail: no limit per source; cargo aircraft: no limit per source.

Vessel stowage: Location A - may be stowed on or under deck on cargo or passenger vessels.

Emergency response guide: 171.

Additional information: No further information available. Applicability of exceptions or limited quantities must be determined for each shipment.

SECTION 15: Regulatory information

U.S. federal regulations: No further information provided. Original SDS states that this mixture is not known to contain a toxic chemical above the applicable de minimis concentration requiring reporting under EPCRA Section 313 / 40 CFR Part 372.

SECTION 16: Other information

Full text of hazard statements: H227 Combustible liquid. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H320 Causes eye irritation. H332 Harmful if inhaled.

Document review

Indigo Fragrance - Black Pepper Chai. Product code: FOBPC

Safety data, ingredient ranges, toxicology and transport classifications require distributor review and verification before this document is issued as an official SDS.