

Safety Data Sheet

Blue Dream Cannabis-Derived Terpene

1. Identification

| | |
|----------------------------|--|
| Product identifier | Blue Dream Cannabis-Derived Terpene |
| Synonyms | Blue Dream terpene profile; Blue Dream CDT |
| Product type | Proprietary Cannabis-derived Terpenes |
| Recommended use | For further manufacturing, aroma, formulation, or flavor/fragrance applications |
| Restrictions on use | Do not use undiluted. Concentrated material. Not for tobacco or nicotine use |
| Supplier | Terplandia LLC 7848 W Sahara Ave Las Vegas, NV 89117 USA Phone: (707) 353-5775 Website: terplandia.com |
| Emergency contact | Contact local emergency medical services or poison control in the jurisdiction of use. |

2. Hazard(s) Identification

| | |
|-----------------------------------|---|
| GHS classification (draft) | Flammable liquid, Category 3; Skin irritation, Category 2; Skin sensitization, Category 1; Eye irritation, Category 2A; Aspiration hazard, Category 1; Hazardous to aquatic environment (chronic), Category 1. |
| Signal word | Danger |
| Hazard statements | <ul style="list-style-type: none">• Flammable liquid and vapor.• Causes skin irritation.• May cause an allergic skin reaction.• Causes serious eye irritation.• May be fatal if swallowed and enters airways.• Very toxic to aquatic life with long-lasting effects. |
| Precautionary statements | <ul style="list-style-type: none">• Keep away from heat, sparks, hot surfaces, and open flame. No smoking.• Keep container tightly closed and store in freezer. Use only with adequate ventilation.• Avoid breathing vapors or mist.• Wear protective gloves and eye/face protection.• IF SWALLOWED: Immediately call a poison center or physician. |
| Pictograms | Flame; Exclamation Mark; Health Hazard |

3. Composition / Information on Ingredients

Exact percentages are withheld as trade secret. The components below are representative constituents identified in the Blue Dream terpene profile as determined by third-party GC-MS analysis (Infinite Chemical Analysis Labs, CA; Batch No. HUM-122-BD; Sample ID ICC-260320-40-005; Report dated Mar 26, 2026). Constituents are listed in descending order of concentration.

| Chemical name | Formula | Molecular weight | CAS No. |
|--------------------------|---------|------------------|------------|
| β -Myrcene | C10H16 | 136.23 g/mol | 123-35-3 |
| Terpinolene | C10H16 | 136.23 g/mol | 586-62-9 |
| α -Pinene | C10H16 | 136.23 g/mol | 80-56-8 |
| β -Pinene | C10H16 | 136.23 g/mol | 127-91-3 |
| D-Limonene | C10H16 | 136.23 g/mol | 5989-27-5 |
| β -Caryophyllene | C15H24 | 204.35 g/mol | 87-44-5 |
| Linalool | C10H18O | 154.25 g/mol | 78-70-6 |
| α -Humulene | C15H24 | 204.35 g/mol | 6753-98-6 |
| Fenchol | C10H18O | 154.25 g/mol | 1632-73-1 |
| α -Terpineol | C10H18O | 154.25 g/mol | 98-55-5 |
| Δ 3-Carene | C10H16 | 136.23 g/mol | 13466-78-9 |
| Caryophyllene oxide | C15H24O | 220.35 g/mol | 1139-30-6 |
| Camphene | C10H16 | 136.23 g/mol | 79-92-5 |
| α -Terpinene | C10H16 | 136.23 g/mol | 99-86-5 |
| Eucalyptol (1,8-Cineole) | C10H18O | 154.25 g/mol | 470-82-6 |
| γ -Terpinene | C10H16 | 136.23 g/mol | 99-85-4 |
| Fenchone | C10H16O | 152.23 g/mol | 1195-79-5 |
| α -Bisabolol | C15H26O | 222.37 g/mol | 515-69-5 |
| Borneol | C10H18O | 154.25 g/mol | 507-70-0 |
| Guaiol | C15H26O | 222.37 g/mol | 489-86-1 |

Note: Additional minor constituents below reporting thresholds (e.g., citronellol, cedrene, eudesmol, cedrol, nerolidol, geraniol, geranyl acetate, isoborneol, menthol, p-cymene, pulegone, camphor) may be present at trace levels. Batch-specific certificates of analysis are available on request.

4. First-Aid Measures

| | |
|--|---|
| General advice | Move person away from exposure. Show this SDS to medical personnel if treatment is required. |
| Inhalation | Move person to fresh air and keep comfortable for breathing. Seek medical attention if symptoms develop or persist. |
| Skin contact | Remove contaminated clothing. Wash skin thoroughly with soap and water for at least 15 minutes. Seek medical attention if irritation or sensitization develops. |
| Eye contact | Rinse cautiously with water for several minutes. Remove contact lenses if easy to do. Continue rinsing. Get medical attention if irritation persists. |
| Ingestion | Immediately call a poison center or physician. Do NOT induce vomiting because of aspiration hazard. Rinse mouth if conscious. |
| Most important symptoms/effects | Skin and eye irritation, allergic skin response, coughing or respiratory discomfort from vapors/mist, and aspiration hazard if swallowed. |

5. Fire-Fighting Measures

| | |
|--|---|
| Suitable extinguishing media | Dry chemical, alcohol-resistant foam, or carbon dioxide. Water spray may be used to cool unopened containers. |
| Unsuitable extinguishing media | Do not use a solid water stream as it may scatter and spread the fire. |
| Specific hazards | Combustible vapors may form explosive mixtures with air. Thermal decomposition may generate carbon oxides and other irritating fumes. |
| Protective equipment for firefighters | Wear self-contained breathing apparatus and full protective gear. |

6. Accidental Release Measures

| | |
|----------------------------------|--|
| Personal precautions | Remove ignition sources. Ensure ventilation. Avoid skin/eye contact and breathing vapors. Wear appropriate PPE as described in Section 8. |
| Environmental precautions | Prevent material from entering drains, soil, and waterways. |
| Containment and cleanup | Absorb with inert material such as sand, vermiculite, or absorbent towel. Collect in a closed, labeled container for disposal. Use non-sparking tools. |

7. Handling and Storage

| | |
|-----------------|--|
| Handling | Use with good industrial hygiene. Avoid contact with skin, eyes, and clothing. Do not eat, drink, or smoke while handling. |
|-----------------|--|

| | |
|-------------------------------|---|
| Storage | Store tightly closed in a freezer, well-ventilated area away from heat, sunlight, oxidizers, and ignition sources. Keep upright and sealed when not in use. |
| Incompatible materials | Strong oxidizing agents; strong acids and bases. |

8. Exposure Controls / Personal Protection

| | |
|-------------------------------|--|
| Engineering controls | Use local exhaust or general ventilation sufficient to minimize vapor accumulation. |
| Eye/face protection | Safety glasses or chemical splash goggles. |
| Skin protection | Chemical-resistant gloves such as nitrile or butyl rubber; protective clothing as needed. |
| Respiratory protection | If ventilation is inadequate or aerosol/mist may form, use a NIOSH-approved organic vapor respirator selected by a qualified professional. |
| Hygiene measures | Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. |

9. Physical and Chemical Properties

| | |
|-------------------------|---|
| Appearance | Clear, colorless to pale amber liquid |
| Odor | Sweet, ripe berry-fruit aroma with bright pine and citrus accents over earthy-musky and soft floral undertones, characteristic of a strongly myrcene-forward profile with notable pinene and limonene support |
| Physical state | Liquid |
| Water solubility | Insoluble or only slightly soluble in water |
| Relative density | Not determined for this batch |
| Flash point | Not determined for this batch (terpene hydrocarbon mixtures are typically combustible; see Section 14) |
| Other properties | Final product testing where required. |

10. Stability and Reactivity

| | |
|----------------------------|---|
| Reactivity | No unusual reactivity expected under recommended storage conditions. |
| Chemical stability | Stable under normal handling and storage. |
| Conditions to avoid | Heat, sparks, static discharge, open flames, and prolonged exposure to air and light. |

| | |
|---|--|
| Incompatible materials | Strong oxidizers; strong acids and bases. |
| Hazardous decomposition products | Carbon oxides and irritating fumes may form during combustion. |

11. Toxicological Information

| | |
|--|--|
| Likely routes of exposure | Skin contact, eye contact, inhalation, ingestion. |
| Acute effects | May cause eye and skin irritation. Concentrated vapors may irritate the respiratory tract. |
| Sensitization | Contains terpene constituents (e.g., limonene, linalool) that may cause allergic skin reaction in susceptible persons. |
| Aspiration hazard | May be fatal if swallowed and enters airways. |
| Carcinogenicity / reproductive toxicity | No mixture-specific data available in this simplified SDS. |

12. Ecological Information

| | |
|------------------------------------|---|
| Ecotoxicity | Based on terpene constituent hazards, harmful release to aquatic environments should be avoided. |
| Persistence / degradability | Mixture-specific data not available. |
| Bioaccumulative potential | Mixture-specific data not available. |
| Other adverse effects | Very toxic to aquatic life with long-lasting effects is a conservative classification for terpene-rich mixtures containing myrcene-, pinene-, limonene-, and terpinolene-type constituents. |

13. Disposal Considerations

| | |
|------------------------|---|
| Waste treatment | Dispose of contents and contaminated absorbents through a licensed waste contractor in accordance with local, state, and federal regulations. |
| Packaging | Empty containers may retain residue; handle as potentially hazardous until cleaned or disposed. |

14. Transport Information

| | |
|----------------------------------|---|
| DOT / IATA / IMDG (draft) | UN2319, Terpene hydrocarbons, n.o.s., Class 3, Packing Group III. |
|----------------------------------|---|

| | |
|---------------------|--|
| Special note | Transport classification should be confirmed for the exact packaging size, flash point, and composition before shipment. |
|---------------------|--|

15. Regulatory Information

| | |
|---------------------------|---|
| Regulatory status | This simplified SDS does not constitute a complete jurisdiction-specific inventory or reporting determination. |
| Review recommended | Confirm applicable OSHA HazCom, SARA, state right-to-know, Proposition 65, and shipping requirements against the finished formulation and destination market. |

16. Other Information

| | |
|----------------------|---|
| Prepared from | Terplandia SDS reference format and the Blue Dream Certificate of Analysis issued by Infinite Chemical Analysis Labs, CA (Batch No. HUM-122-BD; Sample ID ICC-260320-40-005; Report dated Mar 26, 2026). |
| Revision | Version 1.0 |
| Disclaimer | The information in this Safety Data Sheet is believed to be accurate and is provided in good faith as representative guidance. It is the user's responsibility to determine suitability and safety of the material for their specific use and to comply with all applicable laws and regulations. |