LAURELCREST
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SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

Product Name	Crystal Resistant Distillate - Broad Spec (25% CBN, 35-40% CBD)
SKU	XDB CBN
Material Type	Distillate
Botanical Source	Derived from Cannabis sativa L. (industrial hemp)
Recommended Use	Industrial ingredient for further manufacturing use only
Manufacturer Name	Laurelcrest
Manufacturer Address	1270 NE Alpha Dr, McMinnville, OR, USA 97128
Manufacturer Phone	503-967-5013
Manufacturer Email	orders@laurelcrest.com
Manufacturer Website	https://laurelcrest.com
Emergency Phone	**Company Contact / Emergency Phone:** 503-967-5013 *(Mon–Fri, 8:00 AM – 5:00 PM PST)* **Medical Emergency (Poison Control):** 1-800-222-1223 *(24/7)*

SECTION 2: HAZARD IDENTIFICATION

Classification (OSHA HCS 29 CFR 1910.1200)	Not classified as hazardous under GHS (OSHA HCS 2012, EU CLP Regulation (EC) No 1272/2008, UN GHS Rev.7+)
LABEL ELEMENTS	
Hazard Pictogram	Not Applicable
Signal Word	None
Hazard Statements	No hazard statements required
Precautionary Statements	Best handling practices.
Prevention	Observe good industrial hygiene practices.
Response	Wash hands after handling. If irritation occurs, seek medical advice.

Storage	Store away from direct light and extreme heat.
Disposal	Dispose of waste in accordance with local authority requirements.
Hazards Not Otherwise Classified:	Not Applicable
Unknown Acute Toxicity:	Not Applicable

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Composition Statement		
Chemical/Common Name	**CAS Number**	**Concentration %**
CANNABIDIOL	521-35-7	0.25
Cannabinol, Minor Cannabinoids from Hemp Extract	139556-29-1, 89958-21-4	35 % - 40 % CBD, 35 % - 40 % Minor Cannabinoids.

SECTION 4: FIRST AID MEASURES

First Aid Inhalation	Move to fresh air. Get medical attention if symptoms occur.
First Aid Skin	Wash with plenty of warm water and soap. Remove contaminated clothing. Get medical attention if irritation develops.
First Aid Eyes	Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Seek medical attention if irritation persists.
First Aid Ingestion	Rinse mouth. Do not induce vomiting. Get medical attention if you feel unwell.
Most Important Symptoms and Effects (Acute and Delayed):	Direct contact with eyes may cause mild, temporary irritation. No acute or delayed hazards expected under normal industrial handling.
Immediate Medical Attention and Special Treatment Needed:	Treat symptomatically. No specific antidote required.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media:	Dry chemical, carbon dioxide (CO2), alcohol-resistant foam, or water fog.

Unsuitable Extinguishing Media:	Direct high-pressure water stream (can cause hot oil to splat/foam over and spread flames).
Specific Hazards & Combustion Products:	Hazards: Combustible liquid/viscous oil. Thermal decomposition emits dense smoke, irritating vapors, and carbon oxides (CO, CO2). Static: Bulk movement of oil in non-grounded containers may accumulate static charge.
Protective Equipment & Precautions:	PPE: Wear full protective firefighting clothing and an approved SCBA. Precautions: Isolate the hazard area. Keep upwind and prevent burning liquid from spreading or washing into sewers/waterway sources.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions & Emergency Procedures:	Wear suitable personal protective equipment (safety glasses, nitrile gloves, protective clothing). Caution: Spilled oil creates severe slip hazards. Keep ignition sources away.
Environmental Precautions:	Prevent oil from entering drains, storm sewers, waterways, or soil. Report spills as required by local and federal regulations.
Containment & Clean-Up Methods:	Prevent oil from entering drains, storm sewers, waterways, or soil. Report spills as required by local and federal regulations.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling:	Avoid contact with skin and eyes. Avoid breathing vapors or mists if heated. If heating is required to improve flow (e.g., warm water bath or heat tape), do not exceed safe temperature limits (stay under 60°C / 140°F) to prevent thermal degradation. Handle in well-ventilated areas. Practice good personal hygiene after use.
Conditions for Safe Storage:	Store in cool, dry, dark conditions (15–25°C / 59–77°F). Store in tightly sealed, light-resistant containers (e.g., stainless steel, glass, or aluminum). Flush headspace with inert gas (e.g., Nitrogen) prior to sealing to prevent oxidation. Keep away from strong oxidizers, direct sunlight, and excessive heat.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits	No established OSHA PEL or ACGIH TLV Engineering Controls: Use local exhaust ventilation or containment enclosures to control airborne dust levels below recommended exposure guidelines
PPE	Eye/Face: Safety glasses with side shields. Splash goggles if transferring warm/heated oil.Skin: Wear nitrile or butyl rubber gloves. Wear heat-resistant gloves if handling warmed distillate.Respiratory: Not normally required under ambient room temperatures and adequate ventilation. Use an organic vapor/particulate respirator if material is heated above 60C/140F or if mist/vapors are generated.
General Hygiene	FRM.Q.012.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance (Physical State and Color):	Amber, golden, to dark brown, highly viscous liquid/resin.
Odor and Odor Threshold	Characteristic botanical/earthy odor (mild). Threshold: Not available.
pH	Not applicable (insoluble in water).
Melting & Freezing Point	Softens/flows readily above 40 C (104 F)
Boiling Point	Highly variable based on composition; typically > 200 C (392 F)
Flash Point	> 150 C (>392 F)
Flammability & Explosive Limits	Combustible liquid. Limits: No data available.
Specific Gravity	0.93 - 0.98 g/cm} at 20 C
Solubility	Insoluble in water. Soluble in alcohols, light alkanes, and carrier oils.

SECTION 10: STABILITY AND REACTIVITY

Reactivity & Stability	Reactivity: Stable and non-reactive under normal handling and ambient conditions. Chemical Stability: Stable when stored in sealed, light-resistant containers under inert headspace (e.g., Nitrogen). Susceptible to oxidation and thermal degradation over time

	if exposed to air and light. Will not undergo hazardous polymerization.
Incompatible Materials & Conditions to Avoid	Conditions to Avoid: Prolonged exposure to air/oxygen, direct sunlight, ultraviolet light, open flames, and temperatures exceeding 60 C (140 F).Incompatible Materials: Strong oxidizing agents (e.g., peroxides, nitrates), strong alkalis, and strong acids.
Hazardous Decomposition Products	Thermal degradation or incomplete combustion at high temperatures emits dense smoke, irritating organic vapors, carbon monoxide (CO), and carbon dioxide (CO).

SECTION 11: TOXICOLOGICAL INFORMATION

Routes of Exposure & Acute Effects	Inhalation: Dust may cause mild respiratory tract irritation, coughing, or sneezing. Eye Contact: Mechanical irritation or mild redness from airborne dust. Skin Contact: Non-irritating to mild contact drying. Ingestion: Low acute oral toxicity. Ingestion of large doses may cause somnolence, drowsiness, or gastrointestinal discomfort.
Numerical Measures of Toxicity (LD50)	Oral LD50 >2,000\mg/kg Oral TD LO (Human): 5.63 mg/kg Acute toxicity criteria under GHS are not met.
Chronic Effects & Target Organs	Target Organs: Liver, Central Nervous System (CNS). Chronic Effects: High clinical doses may cause reversible transaminase (liver enzyme) elevations or somnolence. Suspected of damaging fertility or the unborn child at high systemic exposure levels (Category 2).
Carcinogenicity Status	Not listed as a carcinogen by IARC, NTP, OSHA, or ACGIH.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity & Aquatic Impact	Ecotoxicity: Specific ecotoxicological data is not available for pure Cannabidiol isolate. Not expected to be acutely toxic to aquatic organisms at water solubility limits, but
Persistence, Bioaccumulation & Mobility	Persistence & Degradability: Inherently biodegradable via microbial pathways; susceptible to photodegradation in surface water.Bioaccumulation: High octanol-water partition coefficient Log K (ow) approx 6.3, indicating

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Treatment & Disposal Methods	Waste Code: Not a characterized hazardous waste under federal Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Methods: Dispose of contents/container in accordance with local, state, regional, and national regulations. Waste material may be incinerated at an approved, licensed thermal treatment facility or processed according to applicable industrial waste rules. Do not discharge into sewers, waterways, or soil.
Packaging & Container Disposal	Empty containers may contain product residue (dust/powder). Handle empty containers with the same precautions as the product itself. Offer containers for recycling or reconditioning where available, or dispose of in accordance with local solid waste management guidelines.

SECTION 14: TRANSPORT INFORMATION

DOT / IATA / IMDG Shipping Classifications	UN Number: Not Regulated / None UN Proper Shipping Name: Not Dangerous Goods Transport Hazard Class: Not Applicable Packing Group: Not Applicable Environmental Hazards: Not a Marine Pollutant
Special Transport Precautions	Transport in tightly sealed, moisture-proof containers. Protect from high ambient temperatures, excessive humidity, and direct sunlight during transport. Keep away from strong oxidizing agents or food/feedstuffs.

SECTION 15: REGULATORY INFORMATION

US Federal Regulations	Farm Bill: Derived from industrial hemp legally defined under the 2018 Farm Bill (Agriculture Improvement Act of 2018).TSCA: Botanical extracts fall under naturally occurring substance exemptions (40 CFR 710.4(d)).SARA 302/313: No chemicals in this material are subject to the reporting requirements.
US State Regulations	California Proposition 65: WARNING: This product contains or may contain trace levels of Delta 9 Tetrahydrocannabinol, a chemical known to the State of California to cause reproductive harm. Regulatory Note: Because California OEHHA has not established a Safe Harbor Level (MADL) for

	Delta 9 THC, any detectable level requires labeling under California law. While individual production batches may test at non-detectable levels, product specifications permit trace naturally occurring Delta 9 THC up to the federal limits. Downstream customers should consult lot-specific Certificates of Analysis (COAs) to determine finished product labeling requirements. State Compliance: Complies with Oregon Department of Agriculture (ODA) industrial hemp regulations and applicable state batch testing limits.
International Regulations	Canada: Controlled under the Cannabis Act.EU: Subject to Novel Food regulations (EC 2015/2283) for food/dietary applications.Controlled Substances: Not listed under the UN Single Convention on Narcotic Drugs (1961) in pure isolate form 0.0 % THC.

SECTION 16: OTHER INFORMATION

Document Revision	Revision Date: July 28, 2026 Version: 3.0 Supersedes: Version 2.0 (Feb 2026)
Hazard Ratings (NFPA / HMIS) & Abbreviations	NFPA 704: Health: 1 | Flammability: 1 | Instability: 0 | Special: None HMIS III: Health: 1 | Flammability: 1 | Physical Hazard: 0 | PPE: E (Safety Glasses, Gloves, Dust Respirator) Abbreviations: CAS: Chemical Abstracts Service; LOQ: Limit of Quantitation; PEL: Permissible Exposure Limit; TLV: Threshold Limit Value; PNOR: Particulates Not Otherwise Regulated.
Legal & Technical Disclaimer	The information provided in this Safety Data Sheet is correct to the best of Laurelcrest's knowledge, information, and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.
Additional Regulatory / Psychoactive Notice	Regulatory Notice: This product is derived from industrial hemp and contains trace amounts of THC on a dry weight

	basis in compliance with the 2018 Farm Bill. It is not intended for direct human consumption in its raw form without further formulation/processing and is sold strictly for legal commercial manufacturing and industrial applications. Buyer assumes all responsibility for ensuring finished product compliance with applicable federal, state, and local laws.