EMERALD IMPORTS

SAFETY DATA SHEET (SDS)

Prepared to OSHA HazCom 2012 (29 CFR 1910.1200)

GUAVA RUNTZ

Cannabis Derived Terpenes
FLAVOR & FRAGRANCE INGREDIENT

SDS No.:
EI-GVR-001

Revision:
1.1

Date of Issue:
October 23, 2026

Supersedes:
Revision 1.0 (October 20, 2026)

SECTION 1: IDENTIFICATION

Product Identifier

Product Name: Guava Runtz
Product Type: Cannabis Derived Terpenes (natural terpene mixture)
CAS No.: Mixture (see Section 3)
Product Code: GUAVARUNTZ

Recommended Use of the Chemical and Restrictions on Use

Recommended Use: Flavor and fragrance ingredient for industrial and professional use.
Restrictions on Use: Not for direct consumption.

Manufacturer / Supplier

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Emergency Contact

CHEMTREC, 24 Hour Emergency Response
USA & Canada: +1-800-424-9300
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Other Information

This product contains no controlled substances or scheduled chemicals. Intended for use as a flavor and fragrance raw material. See Certificate of Analysis (CoA ID 260217P019-001) for details.
For industrial use only.

SECTION 2: HAZARD IDENTIFICATION

GHS Classification of the Substance or Mixture

Flammable Liquid, Category 3
Skin Irritation, Category 2
Skin Sensitization, Category 1
Aspiration Hazard, Category 1
Hazardous to the Aquatic Environment, Chronic, Category 2

Signal Word

DANGER

Hazard Statements

- Flammable liquid and vapor.
- Causes skin irritation.
- May cause an allergic skin reaction.
- May be fatal if swallowed and enters airways.
- Toxic to aquatic life with long lasting effects.

GHS Pictograms

[FLAME] [EXCLAMATION MARK] [HEALTH HAZARD] [ENVIRONMENT]

Precautionary Statements

Prevention:

- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Wear protective gloves and eye protection.
- Avoid breathing vapors.
- Avoid release to the environment.

Response:

- IF ON SKIN: Wash with plenty of soap and water.
- IF SWALLOWED: Immediately call a POISON CENTER/doctor. Do NOT induce vomiting.

- IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- Collect spillage.

Storage:

- Store in a well ventilated place. Keep container tightly closed.
- Keep cool.
- Store away from incompatible materials.

Disposal:

- Dispose of contents/container in accordance with local, regional, national and international regulations.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

This product is a mixture of naturally occurring terpene hydrocarbons derived from the Guava Runtz cannabis cultivar.

Ingredient	CAS No.	Typical Concentration (% w/w)
Myrcene	123-35-3	43.66
Terpinolene	586-62-9	6.39
Limonene	5989-27-5	5.56
β-Ocimene	13877-91-3	2.50
α-Pinene	80-56-8	8.10
β-Pinene	127-91-3	4.15
β-Caryophyllene	87-44-5	0.72
Other Terpenes*	Mixture	1.58

**Includes α-Humulene, Linalool, α-Phellandrene, Terpineol, Δ³-Carene, Camphene, α-Terpinene, trans-β-Farnesene, Fenchol, Valencene, γ-Terpinene, Caryophyllene Oxide, p-Cymene, Borneol, Sabinene, Sabinene Hydrate, Guaiol, Nerolidol and other naturally occurring terpenes.*

Total Terpenoids: ~72.66% (See Certificate of Analysis 260217P019-001)

Total Controlled Substances: Not Detected

SECTION 4: FIRST AID MEASURES

Inhalation	Remove to fresh air. If symptoms persist, seek medical attention.
Skin Contact	Wash with soap and water. If irritation or rash occurs or persists, get 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 attention.
Ingestion	Do NOT induce vomiting. Rinse mouth. Seek medical attention immediately.
Total Important Symptoms and Effects, Acute and Delayed	May cause skin and eye irritation. Aspiration hazard if swallowed.
Indication of Any Immediate Medical Attention and Special Treatment Needed	Treat symptomatically.

SECTION 5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media:

Foam, dry chemical, carbon dioxide (CO_2).

Unsuitable Extinguishing Media:

Do not use a strong water jet.

Specific Hazards Arising from the Chemical:

Flammable liquid and vapor. Vapors may form explosive mixtures with air. Thermal decomposition may release carbon oxides and other irritating gases.

Special Protective Equipment and Precautions for Firefighters:

Wear self contained breathing apparatus and full protective clothing. Cool containers with water spray.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:

Remove ignition sources. Ensure adequate ventilation. Wear protective gloves and eye protection.

Environmental Precautions:

Prevent entry into drains, sewers, and waterways.

Methods and Materials for Containment and Cleaning Up:

Contain spill with inert absorbent material (e.g., sand, vermiculite). Collect in suitable containers and dispose of in accordance with local regulations.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling:

Keep away from heat, sparks, open flames and hot surfaces. No smoking. Use only in well ventilated areas. Avoid contact with skin and eyes. Avoid breathing vapors.

Conditions for Safe Storage, Including Any Incompatibilities:

Store in a cool, dry, well ventilated place. Keep container tightly closed. Store away from oxidizing agents and incompatible materials. Keep out of reach of children.

Incompatible Materials:

Strong oxidizing agents, strong acids, strong bases.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters:

No occupational exposure limits have been established for this mixture.

Appropriate Engineering Controls:

Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, gas, etc.) below recommended exposure limits.

Individual Protection Measures:

- Eye/Face Protection: Safety glasses or goggles.

- Skin Protection: Wear protective gloves and protective clothing.
- Respiratory Protection: Not normally required under intended conditions of use. If exposure limits are exceeded, use an approved organic vapor respirator.
- General Hygiene Considerations: Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Value	Property	Value
Physical State	Liquid	Odor Threshold	Not determined
Odor	Characteristic, fruity, berry like	Melting Point	Not applicable
pH	Not applicable	Boiling Point	~ 175 °C (347 °F)
Flash Point	~ 52 °C (125.6 °F)	Evaporation Rate	Not determined
Flammability	Flammable liquid	Upper/Lower Flammability or Explosive Limits	Upper: 6.0% Lower: 0.7%
Vapor Pressure	< 1 mmHg @ 20 °C	Vapor Density	> 1 (Air = 1)
Relative Density	0.850 to 0.950 @ 20 °C	Solubility(ies)	Insoluble in water; soluble in most organic solvents
Partition Coefficient (n-octanol/water)	Not determined	Auto ignition Temperature	~ 230 °C (446 °F)
Decomposition Temperature	Not determined	Viscosity	1 to 10 cP @ 20 °C
Volatile Organic Compounds (VOC)	100% (w/w)		

SECTION 10: STABILITY AND REACTIVITY

Reactivity:

Stable under normal conditions of use.

Chemical Stability:

Stable.

Possibility of Hazardous Reactions:

None known.

Conditions to Avoid:

Heat, flames, sparks and other ignition sources.

Incompatible Materials:

Strong oxidizing agents, strong acids, strong bases.

Hazardous Decomposition Products:

Carbon monoxide, carbon dioxide and hydrocarbons.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure:

Inhalation, skin contact, eye contact, ingestion.

Information on Toxicological Effects:

Effect	Details
Acute Toxicity (Oral)	LD50 (rat) > 5,000 mg/kg (based on components)
Acute Toxicity (Dermal)	LD50 (rabbit) > 5,000 mg/kg (based on components)
Acute Toxicity (Inhalation)	LC50 (rat, 4h) > 5 mg/L (based on components)
Skin Corrosion / Irritation	May cause skin irritation.
Serious Eye Damage / Irritation	May cause eye irritation.
Respiratory Sensitization	Not classified.
Skin Sensitization	May cause an allergic skin reaction.
Germ Cell Mutagenicity	Not classified.
Carcinogenicity	Not classified under GHS. β-Myrcene (CAS 123-35-3) is listed under California Proposition 65 as a chemical known to the State of California to cause cancer (see Section 15).
Reproductive Toxicity	Not classified.
STOT, Single Exposure	May cause drowsiness or dizziness.
STOT, Repeated Exposure	Not classified.
Aspiration Hazard	May be fatal if swallowed and enters airways.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity:

Toxic to aquatic life with long lasting effects.

Persistence and Degradability:

Not readily biodegradable.

Bioaccumulative Potential:

Likely to bioaccumulate.

Mobility in Soil:

No data available.

Other Adverse Effects:

Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Treatment Methods:

Dispose of contents/container in accordance with local, regional, national and international regulations. Do not discharge into drains, sewers or waterways. Dispose of as hazardous waste where required.

Contaminated Packaging:

Empty containers may retain product residue. Do not reuse container. Dispose of in accordance with regulations.

SECTION 14: TRANSPORT INFORMATION

	IMO (Sea)	IATA (Air)	ADR / RID (Road / Rail)
UN Number	UN 1993	UN 1993	UN 1993
Transport Hazard Class(es)	3	3	3
Packing Group	III	III	III
Environmental Hazards	Yes (Marine pollutant)	Yes (Environmentally hazardous)	Yes (Marine pollutant)
Additional Information	EmS: F-E, S-E	Passenger & Cargo Aircraft: 60 L	Tunnel Restriction Code: D/E

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not applicable (product shipped in packaged form only).
Limited Quantity: 5 L

SECTION 15: REGULATORY INFORMATION

United States Federal Regulations:

This Safety Data Sheet has been prepared in accordance with the OSHA Hazard Communication Standard, 29 CFR 1910.1200 (HazCom 2012). This product is considered a hazardous chemical under that standard (see Section 2 for its classification).

State Regulations, California Proposition 65:

> **WARNING:** This product can expose you to chemicals including β-Myrcene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

β-Myrcene (CAS 123-35-3) has been listed under Proposition 65 since March 27, 2019. It is the main component of this product (see Section 3).

SECTION 16: OTHER INFORMATION

Revision Date:

October 23, 2026

Revision Number:

1.1

Reason for Revision:

Product type corrected to Cannabis Derived Terpenes (Sections 1 and 3). Regulatory basis updated to the OSHA Hazard Communication Standard, 29 CFR 1910.1200 (HazCom 2012) (header and Section 15). California Proposition 65 information for β-Myrcene added (Sections 11 and 15).

Key Abbreviations:

GHS: Globally Harmonized System; OSHA: Occupational Safety and Health Administration; UN: United Nations; LD50: Lethal Dose, 50%; LC50: Lethal Concentration, 50%; STOT: Specific Target Organ Toxicity

Disclaimer:

The information contained herein is believed to be accurate and reliable to the best of our knowledge at the date of issue. However, no warranty, expressed or implied, is made. It is the user's responsibility to determine the suitability of this product for their intended use and to ensure compliance with all applicable laws and regulations.
