EMERALD IMPORTS

# SAFETY DATA SHEET (SDS)

**Prepared to OSHA HazCom 2012 (29 CFR 1910.1200)**

# STARBURST

**Cannabis Derived Terpenes**
**FLAVOR & FRAGRANCE INGREDIENT**

**SDS No.:**
EI-STB-001

**Revision:**
1.1

**Date of Issue:**
October 23, 2026

**Supersedes:**
Revision 1.0 (October 20, 2026)

## SECTION 1: IDENTIFICATION

### Product Identifier

**Product Name:** Starburst
**Product Type:** Cannabis Derived Terpenes (natural terpene mixture)
**CAS No.:** Mixture (see Section 3)
**Product Code:** STARBURST

### 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

EmeraldImportsCA, LLC
334 Purvine Rd
Petaluma, California 94952 USA
Phone: +1 (707) 775-0220
Email: info@emeraldimportsca.com

### Emergency Contact

CHEMTREC, 24 Hour Emergency Response
USA & Canada: +1-800-424-9300
International: +1-703-527-3887

### 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 260217P024-001) 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 Starburst cannabis cultivar.

| Ingredient | CAS No. | Typical Concentration (% w/w) |
|---|---|---|
| Myrcene | 123-35-3 | 28.96 |
| Terpinolene | 586-62-9 | 22.04 |
| Limonene | 5989-27-5 | 9.13 |
| β-Ocimene | 13877-91-3 | 2.90 |
| α-Pinene | 80-56-8 | 2.73 |
| β-Pinene | 127-91-3 | 3.04 |
| β-Caryophyllene | 87-44-5 | 1.25 |
| Other Terpenes* | Mixture | 3.88 |

**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: ~73.93% (See Certificate of Analysis 260217P024-001)

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.

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