

SECTION 1 — Identification

Product name	Clove
Supplier name	Lone Star Candle Supply, Inc.
Recommended use	Compound used in customer substance/mixture/product
Supplier address	5800 Park Vista Circle, Keller, TX 76244
Supplier phone	1-800-929-9425
Emergency phone (24h)	CHEMTREC 1-800-424-9300 / +1 703-741-5970

SECTION 2 — Hazards Identification
Classification

This product is classified under 29CFR 1910.1200(d) as follows

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Class and category of danger:	Flammable Liquid, Hazard Category 4 Acute Toxicity - Oral Category 4 Eye Damage / Irritation Category 2 Sensitization - Skin Category 1
Signal word:	Warning
Hazard statements:	Combustible liquid. Harmful if swallowed. May cause an allergic skin reaction. Causes serious eye irritation.

Pictograms:



Precautionary statements:	Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Avoid breathing vapour or dust. Wash hands and other contacted skin thoroughly after handling. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/eye protection/face protection. IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell. IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Rinse mouth. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Wash contaminated clothing before reuse. In case of fire: Use carbon dioxide, dry chemical, foam for extinction. Store in a well-ventilated place. Keep cool. Dispose of contents/container to approved disposal site, in accordance with local regulations.
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Hazards not otherwise classified (HNOC):	None
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SECTION 3 — Composition / Information on Ingredients

Mixtures

Contains:

Name	CAS	%	GHS Classification
Benzyl benzoate	120-51-4	50-100%	Acute Tox. 4;H302
Eugenol	97-53-0	20-<50%	Eye Irrit. 2A-Skin Sens. 1B;H317-H319
Caryophyllene beta	87-44-5	1-<5%	Skin Sens. 1B-Asp. Tox 1;H304-H317

The exact percentage concentrations of components are being withheld as a trade secret.

SECTION 4 — First-Aid Measures

Description of first aid measures

Inhalation:	Remove from exposure site to fresh air, keep at rest, and obtain medical attention.
Eye exposure:	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Skin exposure:	IF ON SKIN: Wash with plenty of soap and water.
Ingestion:	IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.

Most important symptoms and effects, both acute and delayed

Harmful if swallowed.
May cause an allergic skin reaction.
Causes serious eye irritation.

Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically

SECTION 5 — Fire-Fighting Measures

Extinguishing media

Suitable media:	Carbon dioxide, Dry chemical, Foam.
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Specific hazards arising from the chemical

In case of fire, may be liberated:	Carbon monoxide, Unidentified organic compounds.
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Protective Equipment and Precautions for Firefighters

In case of insufficient ventilation, wear suitable respiratory equipment.

SECTION 6 — Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

Methods and material for containment and cleaning up

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

SECTION 7 — Handling and Storage

Precautions for safe handling

Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

SECTION 8 — Exposure Controls / Personal Protection

Control parameters

Exposure guidelines

This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Other exposure guidelines

No information available

Exposure controls

Engineering measures

Showers, eyewash stations, ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/Face and Skin Protection

Wear protective gloves/eye protection/face protection, and suitable protective clothing

Respiratory protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations. A NIOSH-approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air-purifying respirators is limited. Use a positive pressure, air-supplied respirator if there is any potential for uncontrolled release, exposure levels are not known or any other circumstances where air-purifying respirators may not provide adequate protection.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice.

SECTION 9 — Physical and Chemical Properties

Physical and chemical properties

Appearance:	Not determined
Odor:	Characteristic odor
Odor threshold:	Not determined
Melting point / freezing point:	Not determined
Initial boiling point / range:	Not determined
Flammability (solid, gas):	Not determined
Upper/lower flammability or explosive limits:	Not determined
Flash point:	200 °F / 93 °C
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not relevant
pH:	Not determined
Viscosity:	Not determined
Solubility(ies):	Not determined
Partition coefficient: n-octanol/water:	Not determined
Vapor pressure:	0.006
Relative density:	Not determined
Vapor density:	Not determined
Particle Characteristics:	Not determined
Other information:	None available

SECTION 10 — Stability and Reactivity

Reactivity

Presents no significant reactivity hazard, by itself or in contact with water.

Chemical stability

Good stability under normal storage conditions.

Possibility of hazardous reactions

Not expected under normal conditions of use.

Conditions to avoid

Avoid extreme heat.

Incompatible materials

Avoid contact with strong acids, alkalis or oxidising agents.

Hazardous decomposition products

Not expected.

SECTION 11 — Toxicological Information

Information on toxicological effects

This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in 29 CFR 1910.1200.

Acute Toxicity:	Acute Toxicity - Oral Category 4
Acute Toxicity Oral:	1524
Acute Toxicity Dermal:	Not Applicable
Acute Toxicity Inhalation:	Not Available
Skin corrosion/irritation:	Based on available data the classification criteria are not met.
Serious eye damage/irritation:	Eye Damage / Irritation Category 2
Respiratory or skin sensitisation:	Sensitization - Skin Category 1
Germ cell mutagenicity:	Based on available data the classification criteria are not met.
Carcinogenicity:	Based on available data the classification criteria are not met.
Reproductive toxicity:	Based on available data the classification criteria are not met.
STOT-single exposure:	Based on available data the classification criteria are not met.
STOT-repeated exposure:	Based on available data the classification criteria are not met.
Aspiration hazard:	Based on available data the classification criteria are not met.

Additional Information

None available

SECTION 12 — Ecological Information

Ecotoxicity

Very toxic to aquatic life.
Toxic to aquatic life with long lasting effects.

Persistence and degradability:	Not available
Bioaccumulative potential:	Not available
Mobility in soil:	Not available
Other adverse effects:	Not available

SECTION 13 — Disposal Considerations

Waste treatment

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14 — Transport Information

	14.1 UN number:	14.2 UN Proper Shipping Name:	14.3 Transport hazard class(es):	Sub Risk:	14.4. Packing Group:
UN Model Regulations	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl benzoate)	9	-	III
US DOT	Not classified	-	-	-	-
US DOT (Bulk)	Not classified	-	-	-	-
IMDG	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl benzoate) MARINE POLLUTANT	9	-	III
ADR,RID,ADN	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl benzoate)	9	-	III
ICAO TI	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl benzoate)	9	-	III

US DOT refers to domestic transport by road/rail within the 48 ground states

US DOT (Bulk) refers to domestic bulk transport by road/rail within the 48 ground states.

Environmental hazards: This is an environmentally hazardous substance.

Special precautions for user: None additional

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable

SECTION 15 — Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

None additional

Additional information

None additional

SECTION 16 — Other Information

Revision date: 11/14/2025

Disclaimer: The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a 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.

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