

SECTION 1: Identification**1.1 Product identifier**

Product name Gelato
Brand True Terpenes

1.4 Supplier's details

Name True Terpenes
Address Portland , Oregon

Telephone (888) 954-8550
email info@TrueTerpenes.com

1.5 Emergency phone number(s)

Poison Control Help Line:
1 (800) 222-1222

SECTION 2: Hazard identification**2.1 Classification of the substance or mixture**

- Acute toxicity, dermal (chapter 3.1), Cat. 5
- Acute toxicity, oral (chapter 3.1), Cat. 5
- Aspiration hazard (chapter 3.10), Cat. 1
- Flammable liquids (chapter 2.6), Cat. 3
- Hazardous to the aquatic environment - acute hazard (chapter 4.1), Cat. 1
- Hazardous to the aquatic environment - long-term hazard (chapter 4.1), Cat. 1
- Sensitization, skin (chapter 3.4), Cat. 1
- Skin corrosion/irritation (chapter 3.2), Cat. 2
- Eye damage/irritation (chapter 3.3), Cat. 2A
- Acute toxicity, dermal (chapter 3.1), Cat. 4
- Flammable liquids (chapter 2.6), Cat. 4
- Hazardous to the aquatic environment - acute hazard (chapter 4.1), Cat. 3
- Specific target organ toxicity, single exposure (chapter 3.8), Cat. 3
- Acute toxicity, inhalation (chapter 3.1), Cat. 4
- Acute toxicity, oral (chapter 3.1), Cat. 4
- Hazardous to the aquatic environment - long-term hazard (chapter 4.1), Cat. 3
- Hazardous to the aquatic environment - acute hazard (chapter 4.1), Cat. 2

2.2 GHS label elements, including precautionary statements

Pictogram

**Signal word****Hazard statement(s)**

H226

H227

H302

H302+H312+H332

H303

H303+H313

H304

H312

H313

H315

H315+H320

H317

H319

H332

H335

H336

H400

H401

H402

H410

H412

Danger

Flammable liquid and vapor

Combustible liquid

Harmful if swallowed

Harmful if swallowed, in contact with skin or if inhaled

May be harmful if swallowed

May be harmful if swallowed or in contact with skin

May be fatal if swallowed and enters airways

Harmful in contact with skin

May be harmful in contact with skin

Causes skin irritation

Causes skin and eye irritation

May cause an allergic skin reaction

Causes serious eye irritation

Harmful if inhaled

May cause respiratory irritation

May cause drowsiness or dizziness

Very toxic to aquatic life

Toxic to aquatic life

Harmful to aquatic life

Very toxic to aquatic life with long lasting effects

Harmful to aquatic life with long lasting effects

Precautionary statement(s)

P210

P305+P351+P338

P233

P337+P313

P240

P362

P241

P242

P243

P302+P352

P261

P223

P271

P264

P270

P333+P313

P403+P233

P272

Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

Keep container tightly closed.

If eye irritation persists: Get medical advice/attention.

Ground/bond container and receiving equipment.

Take off contaminated clothing.

Use explosion-proof electrical/ventilating/lighting/.../equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

IF ON SKIN: Wash with plenty of water/...

Avoid breathing dust/fume/gas/mist/vapours/spray.

Do not allow contact with water.

Use only outdoors or in a well-ventilated area.

Wash ... thoroughly after handling.

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

If skin irritation or a rash occurs: Get medical advice/attention.

Store in a well ventilated place. Keep container tightly closed.

Contaminated work clothing should not be allowed out of the workplace.

P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P273	Avoid release to the environment.
P330	Rinse mouth.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor/...
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P312	Call a POISON CENTER/doctor/... if you feel unwell.
P321	Specific treatment (see ... on this label).
P331	Do NOT induce vomiting.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P370+P378	In case of fire: Use ... to extinguish.
P391	Collect spillage.
P403+P235	Store in a well ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to ...
P301+P312	IF SWALLOWED: Call a POISON CENTER/doctor/.../if you feel unwell,

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

1. Beta Caryophyllene

CAS no. 87-44-5

2. Limonene

EC no. 227-813-5

CAS no. 5989-27-5

- Acute toxicity, dermal (chapter 3.1), Cat. 5
- Acute toxicity, oral (chapter 3.1), Cat. 5
- Aspiration hazard (chapter 3.10), Cat. 1
- Flammable liquids (chapter 2.6), Cat. 3
- Hazardous to the aquatic environment - acute hazard (chapter 4.1), Cat. 1
- Hazardous to the aquatic environment - long-term hazard (chapter 4.1), Cat. 1
- Sensitization, skin (chapter 3.4), Cat. 1
- Skin corrosion/irritation (chapter 3.2), Cat. 2

H226	Flammable liquid and vapor
H303+H313	May be harmful if swallowed or in contact with skin
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H400	Very toxic to aquatic life

H410 Very toxic to aquatic life with long lasting effects

3. Myrcene

CAS no. 123-35-3

- Aspiration hazard (chapter 3.10), Cat. 1
- Eye damage/irritation (chapter 3.3), Cat. 2A
- Flammable liquids (chapter 2.6), Cat. 3
- Skin corrosion/irritation (chapter 3.2), Cat. 2

H226 Flammable liquid and vapor
H226 Flammable liquid and vapor
H304 May be fatal if swallowed and enters airways
H315 Causes skin irritation
H319 Causes serious eye irritation

4. Linalool

EC no. 201-134-4

CAS no. 78-70-6

- Acute toxicity, dermal (chapter 3.1), Cat. 4
- Acute toxicity, oral (chapter 3.1), Cat. 5
- Eye damage/irritation (chapter 3.3), Cat. 2A
- Flammable liquids (chapter 2.6), Cat. 4
- Hazardous to the aquatic environment - acute hazard (chapter 4.1), Cat. 3
- Skin corrosion/irritation (chapter 3.2), Cat. 2

H227 Combustible liquid
H303 May be harmful if swallowed
H312 Harmful in contact with skin
H315 Causes skin irritation
H315+H320 Causes skin and eye irritation
H319 Causes serious eye irritation
H402 Harmful to aquatic life

5. Humulene

CAS no. 6753-98-6

- Eye damage/irritation (chapter 3.3), Cat. 2A
- Flammable liquids (chapter 2.6), Cat. 4
- Skin corrosion/irritation (chapter 3.2), Cat. 2
- Specific target organ toxicity, single exposure (chapter 3.8), Cat. 3

H227 Combustible liquid
H315 Causes skin irritation
H319 Causes serious eye irritation
H335 May cause respiratory irritation

6. Alpha Pinene

CAS no. 80-56-8

- Aspiration hazard (chapter 3.10), Cat. 1
- Flammable liquids (chapter 2.6), Cat. 3
- Hazardous to the aquatic environment - acute hazard (chapter 4.1), Cat. 3
- Sensitization, skin (chapter 3.4), Cat. 1
- Skin corrosion/irritation (chapter 3.2), Cat. 2

H226	Flammable liquid and vapor
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H402	Harmful to aquatic life

7. Beta Pinene

EC no. No data available.

CAS no. 127-91-3

- Acute toxicity, dermal (chapter 3.1), Cat. 4
- Acute toxicity, inhalation (chapter 3.1), Cat. 4
- Acute toxicity, oral (chapter 3.1), Cat. 4
- Aspiration hazard (chapter 3.10), Cat. 1
- Eye damage/irritation (chapter 3.3), Cat. 2A
- Flammable liquids (chapter 2.6), Cat. 3
- Sensitization, skin (chapter 3.4), Cat. 1
- Skin corrosion/irritation (chapter 3.2), Cat. 2
- Specific target organ toxicity, single exposure (chapter 3.8), Cat. 3

H226	Flammable liquid and vapor
H302+H312+H332	Harmful if swallowed, in contact with skin or if inhaled
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H335	May cause respiratory irritation

8. Fenchol

CAS no. 1632-73-1

- Eye damage/irritation (chapter 3.3), Cat. 2A
- Hazardous to the aquatic environment - acute hazard (chapter 4.1), Cat. 3
- Hazardous to the aquatic environment - long-term hazard (chapter 4.1), Cat. 3
- Skin corrosion/irritation (chapter 3.2), Cat. 2
- Specific target organ toxicity, single exposure (chapter 3.8), Cat. 3

H315 Causes skin irritation
H319 Causes serious eye irritation
H335 May cause respiratory irritation
H412 Harmful to aquatic life with long lasting effects

9. Terpineol

CAS no. 8000-41-7

- Eye damage/irritation (chapter 3.3), Cat. 2A
- Skin corrosion/irritation (chapter 3.2), Cat. 2

H315 Causes skin irritation
H319 Causes serious eye irritation

10. Nerolidol

CAS no. 7212-44-4

- Eye damage/irritation (chapter 3.3), Cat. 2A
- Hazardous to the aquatic environment - acute hazard (chapter 4.1), Cat. 1
- Hazardous to the aquatic environment - long-term hazard (chapter 4.1), Cat. 1

H319 Causes serious eye irritation
H410 Very toxic to aquatic life with long lasting effects

11. Geranyl Acetate

CAS no. 105-87-3

- Eye damage/irritation (chapter 3.3), Cat. 2A
- Hazardous to the aquatic environment - acute hazard (chapter 4.1), Cat. 2
- Sensitization, skin (chapter 3.4), Cat. 1
- Skin corrosion/irritation (chapter 3.2), Cat. 2
- Specific target organ toxicity, single exposure (chapter 3.8), Cat. 3

H315 Causes skin irritation
H315+H320 Causes skin and eye irritation
H317 May cause an allergic skin reaction
H319 Causes serious eye irritation
H335 May cause respiratory irritation
H401 Toxic to aquatic life

12. Ocimene

CAS no. 13877-91-3

- Flammable liquids (chapter 2.6), Cat. 3

H226 Flammable liquid and vapor

13. Phytol

CAS no. 7541-49-3

- Eye damage/irritation (chapter 3.3), Cat. 2A
- Skin corrosion/irritation (chapter 3.2), Cat. 2
- Specific target organ toxicity, single exposure (chapter 3.8), Cat. 3

H315 Causes skin irritation
H319 Causes serious eye irritation
H335 May cause respiratory irritation

SECTION 4: First-aid measures**4.1 Description of necessary first-aid measures**

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
If inhaled	If breathed in, move person into fresh air. If not breathing, give artificial respiration.
In case of skin contact	Wash off with soap and plenty of water.
In case of eye contact	Flush eyes with water as a precaution.
If swallowed	Never give anything by mouth to an unconscious person. Rinse mouth with water.
Personal protective equipment for first-aid responders	No data available.

4.2 Most important symptoms/effects, acute and delayed

No data available.

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

No data available.

SECTION 5: Fire-fighting measures**5.1 Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Specific hazards arising from the chemical

Beta Caryophyllene: Carbon oxides.

Limonene: Static charges generated by emptying package in or near flammable vapor may cause flash fire. Fire may produce irritating, corrosive and / or toxic gases.

Fenchol: No data available.

5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

Further information

No data available.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid breathing vapors, mist or gas. Do not let product enter drains.

6.2 Environmental precautions

No data available.

6.3 Methods and materials for containment and cleaning up

Keep in suitable, closed containers for disposal.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

General industrial hygiene practice.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place.

Specific end use(s)

Offer surplus and non-recyclable solutions to a licensed disposal company.

SECTION 8: Exposure controls/personal protection

8.2 Appropriate engineering controls

No data available.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

No data available.

Skin protection

No data available.

Body protection

No data available.

Respiratory protection

No data available.

Thermal hazards

No data available.

Environmental exposure controls

No data available.

SECTION 9: Physical and chemical properties**Information on basic physical and chemical properties**

Appearance/form (physical state, color, etc.)	Clear, light yellow liquid
Odor	Characteristic
Odor threshold	No data available.
pH	No data available.
Melting point/freezing point	No data available.
Initial boiling point and boiling range	No data available.
Flash point	No data available.
Evaporation rate	No data available.
Flammability (solid, gas)	No data available.
Upper/lower flammability limits	No data available.
Upper/lower explosive limits	No data available.
Vapor pressure	No data available.
Vapor density	No data available.
Relative density	No data available.
Solubility(ies)	No data available.
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Viscosity	No data available.
Explosive properties	No data available.
Oxidizing properties	No data available.

SECTION 10: Stability and reactivity**10.1 Reactivity**

No data available.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

No data available.

10.5 Incompatible materials

Beta Caryophyllene: Strong oxidizing agents.

Myrcene: Strong oxidizing agents. Heat, flames and sparks.

Linalool: Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials. Strong oxidizing agents.

Alpha Pinene: Vapors may form explosive mixture with air. Heat, flames and sparks. Strong oxidizing agents.

Beta Pinene: Strong oxidizing agents. Heat, flames, and sparks. Vapors may form explosive mixture with air.

Terpineol: Oxidizing agents.

Ocimene: No data available.

10.6 Hazardous decomposition products

Beta Caryophyllene: No data available.

Limonene: No hazardous decomposition products if stored and handled as indicated.

SECTION 11: Toxicological information**Information on toxicological effects****Acute toxicity**

Beta Caryophyllene: No data available.

Limonene: Maybe fatal if swallowed and enters airways. May be harmful in contact with skin. May cause an allergic skin reaction.

Linalool: LD50 Oral: Rat, 2,790 mg/kg
LD50 Dermal: Rabbit, 2,000 mg/kg

Geranyl Acetate: LD50 Oral: Rat, 6,330 mg/kg

Remarks:

Behavioral: Somnolence (general depressed activity).

Behavioral: Coma

Skin corrosion/irritation

Beta Caryophyllene: No data available.

Limonene: Causes skin irritation.

Linalool: Causes skin irritation.
Guinea Pig - skin irritation, 24h, Draize Test
Rabbit - irritant (OECD Guideline 405)

Geranyl Acetate: Causes skin irritation.
Species: Rabbit
Result: Irritant
Method: OECD Guideline 405

Serious eye damage/irritation

Beta Caryophyllene: No data available.

Limonene: Direct contact with eyes may cause temporary irritation.
Eyes - rabbit. Result: No eye irritation.
(OECD Test Guideline 405)

Linalool: Causes serious eye irritation.
Rabbit - moderate eye irritation, Draize Test
Rabbit - slightly irritating (OECD Guideline 405)

Geranyl Acetate: Causes serious eye irritation.
Species: Rabbit
Result: Irritant
Method: OECD Guideline 405

Respiratory or skin sensitization

Beta Caryophyllene: No data available.

Limonene: May cause an allergic skin reaction.
Mouse. Result: May cause sensitisation by skin contact.
(OECD Test Guideline 429)

Linalool: Patch-test / Human: Non-sensitizing
Draize test / Guinea Pig: Non-sensitizing

Geranyl Acetate: Not a respiratory sensitizer.

May cause an allergic skin reaction.
Species: Guinea Pig
Result: Non-sensitizing

Germ cell mutagenicity

Beta Caryophyllene: No data available.

Limonene: Mouse
Lymphocyte
Result: Negative

Rat - Male
Result: Negative

Linalool: Results from a number of mutagenicity studies with microorganisms, mammalian cell cultures and mammals are available. Taking into account all of the information, there is no indication that the substance is mutagenic.

Geranyl Acetate: No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity

Beta Caryophyllene: IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probably, possibly or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as probably, possibly or confirmed human carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as probably, possibly or confirmed human carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as probably, possibly or confirmed human carcinogen by OSHA.

Limonene: IARC Monographs: Overall Evaluation of Carcinogenicity - CARVENE (CAS 5989-27-5) 3 Not classifiable as to carcinogenicity to humans.

OSHA: Specifically Regulated Substances (29 CFR 1910.1001-1050) Not listed.

Myrcene: IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by OSHA.

Alpha Pinene: IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by OSHA.

Fenchol: IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Ocimene: IARC: No component of this product, present levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product, present levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product, present levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product, present levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity

Beta Caryophyllene: No data available.

Limonene: This product is not expected to cause reproductive or developmental effects.

Summary of evaluation of the CMR properties

Beta Caryophyllene: No data available.

STOT-single exposure

Beta Caryophyllene: No data available.

Limonene: Not classified.

Linalool: Not Classified.

Fenchol: Inhalation - May cause respiratory irritation.

STOT-repeated exposure

Beta Caryophyllene: No data available.

Limonene: Repeated dose toxicity - mouse - male and female - No observed adverse effect level - 1,650 mg/kg -
Lowest observed adverse effect level - 3,300 mg/kg.

Linalool: Not Classified.

Geranyl Acetate: Not classified.

Aspiration hazard

Beta Caryophyllene: No data available.

SECTION 12: Ecological information

Toxicity

Beta Caryophyllene: No data available.

Limonene: Very toxic to aquatic life with long lasting effects. Accumulation in aquatic organisms is expected.

Linalool: Activated sludge of a predominantly domestic sewage: EC10, > 100 mg/l, 3 hours

Green Algae (*Chlamydomonas variabilis*): EC50, 88.3 mg/l, 96 hours DIN 38412 Part 9 static. The details of the toxic effect related to the nominal concentration.

Daphnia magna: EC50, 20 mg/l, 48 hours DIN 38412 Part 11 static. The details of the toxic effect related to the nominal concentration.

Ide, silver or golden orfe (*Leuciscus idus*): LC50, 22 - 46 mg/l, 96 hours DIN 38412 Part 15 static. The details of the toxic effect related to the nominal concentration.

Fish: LC50-R, 27.8 mg/l, 96 hours.

Geranyl Acetate: Green Algae (*Chlamydomonas variabilis*): EC50 3.72 mg/l, 72 hours OECD Guideline 201 static. The statement of the toxic effect relates to the analytically determined concentration.

Daphnia magna: EC50 14.1 mg/l, 48 hours Directive 84/449/EEC, C.2 static. The statement of the toxic effect relates to the analytically determined concentration.

Fish: LC50 68.12 mg/l, 96 hours Cyprinus carpio. OECD Guideline 203 static. The product has not been tested. The statement has been derived from products of a similar structure or composition.

Bacterium: EC10 >10,000 mg/l, 0.5 hours DIN 38412 Part 27 (draft) aquatic. The statement of the toxic effect relates to the analytically determined concentration. The product has low solubility in the test medium. An aqueous solution prepared with solubilizers has been tested.

Persistence and degradability

Beta Caryophyllene: No data available.

Limonene: Biodegradability: Result: 71% - Readily biodegradable. (OECD Test Guideline 301B)

Linalool: Biological/Abiological Degradation
Test method: OECD 301D; EEC 92/69, C.4-E (aerobic), municipal sewage treatment plant effl.
Method of analysis: BOD of the ThOD
Degree of elimination: 60 - 70% (28 d)
Evaluation: Readily biodegradable (according to OECD criteria)

Geranyl Acetate: Biological / Abiological Degradation
Test Method: OECD Guideline 301F (aerobic), activated sludge, domestic
Method of Analysis: BOD of the ThOD
Degree of Elimination: >70% (28d)
Evaluation: Readily biodegradable (according to OECD criteria)

Hydrolysis
Test Method: OECD Guideline 111 (abiotic)
pH7
Half-life: 1.539 h (25°C)

Environmental Mobility:
Transportation between environmental compartments:
Calculated absorption / water-soil
KOC: 1151
Log KOC: 3.06

Bioaccumulative potential

Beta Caryophyllene: No data available.

Linalool: Significant accumulation in organisms is not to be expected.

Mobility in soil

Beta Caryophyllene: No data available.

Results of PBT and vPvB assessment

Beta Caryophyllene: No data available.

Other adverse effects

Beta Caryophyllene: No data available.

Limonene: EC50 Water Flea (*Daphnia pulex*) 69.6 mg/l, 48 hours

LC50 Fathead minnow (*Pimephales promelas*) 0.619 - 0.796 mg/l, 96 hours

LC50 Rainbow trout, donaldson trout (*Oncorhynchus mykiss*) 35 mg/l, 4 days

EC50 Activated sludge 3.94 mg/l

SECTION 13: Disposal considerations**Disposal of the product**

Offer surplus and non-recyclable solutions to a licensed disposal company.

Disposal of contaminated packaging

No data available.

Waste treatment

No data available.

Sewage disposal

No data available.

Other disposal recommendations

No data available.

SECTION 14: Transport information**DOT (US)**

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations specific for the product in question****CAA Section 112 HAPs List**

Not regulated.

CAA Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm. This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

CERCLA Hazardous Substance List (40 CFR 1910.1001-1050)

Not listed.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

Massachusetts Right to Know ComponentsChemical name: α -Pinene

CAS number: 80-56-8. No components are subject to the Massachusetts Right to Know Act.

New Jersey Right to Know Components

Chemical Name: Caryophyllene

CAS Number: 87-44-5. Chemical Name: 7-Methyl-3-methyleneocta-1,6-diene,

CAS Number: 123-35-3. Chemical Name: Humulene

CAS Number: 6753-98-6. (-)-Pin-2(10)-ene, CAS No: 127-91-3. 3,3-Dimethyl-8,9-dinorbornan-2-ol CAS-No. 1632-73-1. 3,7-Dimethylocta-1,3,6-triene CAS No: 13877-91-3. 2-Hexadecen-1-ol,3,7,11,15-tetramethyl- CAS-No: 7541-

49-3. Chemical name: α -Pinene

CAS number: 80-56-8

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Pennsylvania Right to Know Components

Chemical Name: Caryophyllene

CAS Number: 87-44-5. Chemical Name: 7-Methyl-3-methyleneocta-1,6-diene,

CAS Number: 123-35-3. Chemical Name: Humulene

CAS Number: 6753-98-6. (-)-Pin-2(10)-ene, CAS No: 127-91-3. 3,3-Dimethyl-8,9-dinorbornan-2-ol CAS-No. 1632-73-1. 3,7-Dimethylocta-1,3,6-triene CAS No: 13877-91-3. 2-Hexadecen-1-ol,3,7,11,15-tetramethyl- CAS-No: 7541-

49-3. Chemical name: α -Pinene

CAS number: 80-56-8

Right to Know Components (Pennsylvania, New Jersey, Massachusetts)

Terpineol, CAS No. 8000-41-7

Right to Know Components (Pennsylvania, New Jersey)

3,7,11-Trimethyldodeca-1,6,10-trien-3-ol,mixed isomers, CAS-No. 7212-44-4

SARA 302 Components



No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 302 Extremely Hazardous Substance

Not listed.

SARA 304 Emergency Release Notification

Not regulated.

SARA 311 / 312

No SARA hazards.

SARA 311 / 312 Hazardous Chemical

Yes. No.

SARA 311 / 312 Hazards

Fire hazard, acute health hazard. Fire hazard, acute health hazard. Acute health hazard. Acute Health Hazard

SARA 311/312

Fire hazard.

SARA 311/312 Hazards

Fire Hazard, Acute Health Hazard

SARA 313 (TRI Reporting)

Not regulated.

SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313. This material does not contain any chemical components with known CAS numbers that exceed the threshold reporting levels established by SARA Title III, Section 313.

SARA Hazard Categories

Immediate Hazard - Yes

Delayed Hazard - No

Fire Hazard - Yes

Pressure Hazard - No

Reactivity Hazard - No. Immediate Hazard - Yes

Delayed Hazard - No

Fire Hazard - No

Pressure Hazard - No

Reactivity Hazard - No

SDWA

Not regulated.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt.D)

Not regulated.

US Federal Regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

US. California Proposition 65 CRT: Listed Substance

Not listed.

US. Massachusetts RTK - Substance List

Not regulated.



US. New Jersey Worker and Community Right-to-Know Act

CARVENE (CAS 5989-27-5). Not listed.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

US. Pennsylvania Worker and Community Right-to-Know Law

Not listed.

US. Rhode Island RTK

Not regulated.

SECTION 16: Other information

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16.1 Further information/disclaimer

True Terpenes cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available. The above information relates only to this product and not to its use in combination with any other material or any particular process and is designed only as guidance for the safe handling, use, processing, storage, transportation, and disposal and should not be considered as a guarantee or quality specification. This product has not been evaluated for safe use in e-cigarettes or any vaping application where the product(s) is/are intentionally vaporized and inhaled. True Terpenes has performed no testing on these products in e-cig/vaping applications. It is the sole responsibility of the individual(s) purchasing this product to assess its' safety in the final application. The above information relates only to this product and not to its use in combination with any other material or any particular process and is designed only as guidance for the safe handling, use, processing, storage, transportation, disposal, and should not be considered as a guarantee or quality specification. The above information is based on data provided by and collected from recognized sources such as distributors, manufacturers, and technical groups and is considered to be accurate to the best of True Terpenes knowledge as of the date of this document. It is the responsibility of the user to review all safety information about this product and determine its safety and suitability in their own processes and operations. Appropriate warnings and safe handling procedures should be provided to all handlers and users, taking into account the intended use and the specific conditions and factors relating to such use in accordance with all applicable laws and regulations.