

SECTION 1: Identification**1.1 Product identifier**

Product name GG#4
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
- Flammable liquids (chapter 2.6), Cat. 4
- Specific target organ toxicity, single exposure (chapter 3.8), Cat. 3
- Hazardous to the aquatic environment - acute hazard (chapter 4.1), Cat. 2
- Hazardous to the aquatic environment - long-term hazard (chapter 4.1), Cat. 2
- Acute toxicity, dermal (chapter 3.1), Cat. 4
- Hazardous to the aquatic environment - acute hazard (chapter 4.1), 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

2.2 GHS label elements, including precautionary statements

Pictogram

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

H226	Flammable liquid and vapor
H227	Combustible liquid
H302	Harmful if swallowed
H302+H312+H332	Harmful if swallowed, in contact with skin or if inhaled
H303	May be harmful if swallowed
H303+H313	May be harmful if swallowed or in contact with skin
H304	May be fatal if swallowed and enters airways
H312	Harmful in contact with skin
H313	May be harmful in contact with skin
H315	Causes skin irritation
H315+H320	Causes skin and eye irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H332	Harmful if inhaled
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H400	Very toxic to aquatic life
H401	Toxic to aquatic life
H402	Harmful to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H411	Toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

Precautionary statement(s)

P210	Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P233	Keep container tightly closed.
P337+P313	If eye irritation persists: Get medical advice/attention.
P240	Ground/bond container and receiving equipment.
P271	Use only outdoors or in a well-ventilated area.
P362	Take off contaminated clothing.
P241	Use explosion-proof electrical/ventilating/lighting/.../equipment.
P302+P352	IF ON SKIN: Wash with plenty of water/...
P242	Use only non-sparking tools.
P403+P233	Store in a well ventilated place. Keep container tightly closed.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash ... thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P223	Do not allow contact with water.
P273	Avoid release to the environment.

P270	Do not eat, drink or smoke when using this product.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor/...
P330	Rinse mouth.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P333+P313	If skin irritation or a rash occurs: Get medical advice/attention.
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. 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

5. Alpha Bisabolol

CAS no. 515-69-5

- Hazardous to the aquatic environment - acute hazard (chapter 4.1), Cat. 2
- Hazardous to the aquatic environment - long-term hazard (chapter 4.1), Cat. 2

H411 Toxic to aquatic life with long lasting effects

6. 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

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. Nerolidol

CAS no.	7212-44-4
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- 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

9. Fenchol

CAS no.	1632-73-1
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- 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

10. Terpeneol

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

11. 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

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.

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

Terpineol: Oxidizing agents.

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

10.6 Hazardous decomposition products

Beta Caryophyllene: No data available.

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

Alpha Bisabolol: Hazardous decomposition products formed under fire conditions. - Carbon oxides. Other decomposition products - No data available. In the event of fire: see section 5

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.

Alpha Bisabolol: LEVOMENOL

Oral LD50 - Rat, > 5,000 mg/kg

Linalool: LD50 Oral: Rat, 2,790 mg/kg

LD50 Dermal: Rabbit, 2,000 mg/kg

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)

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)

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

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.

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 Bisabolol: IARC Monographs. Overall Evaluation of Carcinogenicity: 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.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052): 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.

US. National Toxicology Program (NTP) Report on Carcinogens: 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.

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

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.

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.

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.

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.

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)

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

Alpha Bisabolol: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Toxic to aquatic life with long lasting effects.

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.

California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed Substance

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

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not available.

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not available.

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

Not available.

Massachusetts Right to Know Components

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

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. Levomenol CAS-No. 23089-26-1. Chemical name: α -Pinene

CAS number: 80-56-8

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)

Not available.

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. Levomenol CAS-No. 23089-26-1. 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

Safe Drinking Water Act (SDWA)

Not available.

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

SARA 304 Emergency Release Notification

Not regulated. Not available.

SARA 311 / 312

No SARA hazards.

SARA 311 / 312 Hazardous Chemical

Yes

SARA 311 / 312 Hazards

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

SARA 311/312 Hazardous Chemical

No.

SARA 311/312 Hazards

Fire Hazard, Acute Health Hazard

SARA 313 (TRI Reporting)

Not regulated. 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.

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. No

SDWA

Not regulated.

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

Not available.

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. Not available.

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

Not listed.

US. Rhode Island RTK

Not regulated.

SECTION 16: Other information

Issue Date: 11/01/2018

Revision Date: New Document

Version # 00

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



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