

Safety Data Sheet

CAMPHOR



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1. Identification

1.1 Product Identifier

Trade Name or Designation Isolate: CAMPHOR
Brand True Terpenes
CAS No. 8008-51-3

1.2 Recommended Use and Restrictions on Use

This product is intended for use only by adults 21 or older. This product is not to be used with tobacco or nicotine products. Consumers should determine and conduct their own safety standards and testing. Avoid contact with the skin, eyes, wood surfaces and fabrics. Keep out of the reach of children and pets. Do not use if you are pregnant, nursing or a person with or at risk of serious health conditions including but not limited to: heart disease, high blood pressure, diabetes or a person taking medicine for depression or asthma. Smoking and vaping may cause health problems. Discontinue use and consult your doctor if and adverse reaction occurs. This is not a smoking cessation product. 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.

1.3 Company Information

Company True Terpenes
Address 2416 N Hayden Island Dr.
Portland, OR 97217 USA
Telephone (888) 954-8550
Website TrueTerpenes.com

1.4 Emergency Contact

CHEMTREC (USA) 800-424-9300
CHEMTREC (International) 1+ 703-527-3887

2. Hazard(s) Identification

2.1 Classification of the Substance or Mixture

For the full text of the Hazard Statements listed below, see Section 16.

Hazard Class	Category	Hazard Statement	Precautionary Statements
Flammable Liquids	Category 3	H226	P210,P233, P240, P241, P242, P243, P280, P303+ P361+P353, P370+P378, P403+P235, P501
Skin Irritation	Category 2	H315	P264, P280, P302+P352, P321, P332+P313, P362
Eye Irritation	Category 2A	H319	P264, P280, P305+P351+P338, P337+P313P



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2.2 GHS Label Elements

Pictograms



Signal Word

Warning

Hazard Statements

Hazard Number

Hazard Statement

H226	Flammable liquid and vapour.
H315	Causes skin irritation.
H319	Causes serious eye irritation.

Precautionary Statements

Precautionary Number

Precautionary Statement

P210	Keep away from heat, sparks and open flame. No smoking.
P33	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P264	Wash skin thoroughly after handling.
P280	Wear protective gloves, eye protection and skin protection.
P303+P361+P353	IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321	Specific treatment (see supplemental first aid instructions on this label).
P332+P313	If skin irritation occurs: Get medical advice/ attention.
P337+P313	If eye irritation persists: Get medical advice/ attention.
P362	Take off contaminated clothing and wash before reuse.
P370+P378	In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.
P403+P235	Store in a well-ventilated place. Keep cool.
P501	Dispose of contents/ container to an approved waste disposal plant

2.3 Hazard(s) not Otherwise Classified (HNOC) - none.

3. Composition / Information on Ingredients

3.1 Components of Substance or Mixture

Chemical Name	Formula	Molecular Weight	CAS Number	EC Number
Camphor white oil	C10H16O	152.23 g/mol	8008-51-3	Not Available.



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Hazardous Components

Component	Classification	Concentration
Camphor white oil	Flam. Liq. 3; Skin Irrit. 2; Eye Irrit. 2A; H226, H315, H319	80.00 - 100.00%

4. First-Aid Measures

4.1 General First Aid Information

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. Consult a physician.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
In case of skin contact	Wash off with soap and plenty of water. Consult a physician.
If swallowed	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most Important Symptoms / Effects, Acute and Delayed

The most important known symptoms and effects are described in the labeling (see section 2.2) and/or in section 11.

4.3 Indication of any medical attention or special treatment needed

No data available.

5. Fire-Fighting Measures

5.1 Extinguishing Media

Suitable extinguishing media

For small (incipient) fires, use media such as "alcohol" foam, dry chemical, or carbon dioxide. For large fires, apply water from as far as possible. Use very large quantities (flooding) of water applied as a mist or spray; solid streams of water may be ineffective. Cool all affected containers with flooding quantities of water.

5.2 Specific Hazards Arising from the Substance or Mixture

Carbon Oxides

5.3 Special Protective Equipment for Firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further Information

Use water spray to cool unopened containers.

6. Accidental Release Measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. For personal protection see section 8.



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6.2 Environmental Precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

6.3 Cleanup and Containment Methods and Materials

Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13).

6.4 Reference to Other Sections

For disposal see section 13.

7. Handling and Storage

7.1. Precautions for Safe Handling and Storage Conditions

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge. For precautions see section 2.2. Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

8. Exposure Controls / Personal Protection

8.1 Control Parameters

Contains no substances with occupational exposure limit values.

8.2 Exposure Controls

Engineering Controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Eye/Face Protection

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin Protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection

Impervious clothing, Flame retardant antistatic protective clothing., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory Protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of Environmental Exposure

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

9. Physical and Chemical Properties



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9.1. Basic Physical and Chemical Properties

Appearance	Clear, Colorless to Pale Yellow
Physical State	Liquid
Odor	Camphor, Fresh
Odor Threshold	Data not available.
pH	Data not available.
Melting Point / Freezing Point	Data not available.
Initial Boiling Point and Boiling Range	171 °C (340 °F) - lit. g
Flash Point	43.33 °C (109.99 °F) - closed cup
Evaporation Rate	Data not available.
Flammability	Data not available.
Flammability / Explosive Limits	Data not available.
Vapor Pressure	Data not available.
Vapor Density	Data not available.
Relative Density	0.873 g/cm ³
Solubility (Water)	Data not available.
Partition Coefficient	Data not available.
Auto-ignition Temperature	Data not available.
Decomposition Temperature	Data not available.
Viscosity	Data not available.
Explosive Properties	Data not available.
Oxidizing Properties	Data not available.

10. Stability and Reactivity

10.1. Reactivity

Data not available.

10.2. Chemical Stability

Stable under recommended storage conditions.

10.3. Possibility of Hazardous Reactions

No data available.

10.4. Conditions to Avoid

Heat, flames and sparks.

10.5. Incompatible Materials

Strong oxidizing agents

10.6. Hazardous Decomposition Products

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

11. Toxicological Information

11.1. Information on Toxicological Effects

Acute Toxicity - Oral Exposure



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LDLO Oral - Child - 50 mg/kg
LD50 Oral - Rat - 3,730 mg/kg

Acute Toxicity - Dermal Exposure

Data not available.

Acute Toxicity - Inhalation Exposure

Data not available.

Acute Toxicity - Other Information

Data not available.

Skin Corrosion and Irritation

Skin - Rabbit

Serious Eye Damage and Irritation

Data not available.

Respiratory Sensitization

Data not available.

Skin Sensitization

Data not available.

Germ Cell Mutagenicity

Data not available.

Carcinogenicity

This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification.

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.

Reproductive Toxicity

Data not available.

Specific Target Organ Toxicity from Single Exposure

Data not available.

Specific Target Organ Toxicity from Repeated Exposure

Data not available.

Aspiration Hazard

Data not available.

Additional Toxicology Information

RTECS: EX1490000

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.



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12. Ecological Information

12.1. Toxicity

Data not available.

12.2. Persistence and Degradability

Data not available.

12.3. Bioaccumulative Potential

Data not available.

12.4. Mobility in Soil

Data not available.

12.5. Other Adverse Ecological Effects

Data not available.

13. Disposal Considerations

13.1 Waste Treatment Methods

Product

Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

Contaminated packaging

Dispose of as unused product.

14. Transport Information

14.1 Transportation by Land-Department of Transportation (DOT, United States of America)

UN number: 1130 Class: 3 Packing group: III

Proper shipping name: Camphor oil

Reportable Quantity (RQ):

Poison Inhalation Hazard: No

14.2 Transportation by Air - International Air Transport Association (IATA)

UN number: 1130 Class: 3 Packing group: III

Proper shipping name: Camphor oil

14.2 Transportation -International Maritime Dangerous Goods (IMDG)

UN number: 1130 Class: 3 Packing group: III EMS-No: F-E, S-E

Proper shipping name: Camphor oil

Marine pollutant: no

Further Information

Data not available.

15. Regulatory Information

15.1 Occupational Safety and Health Administration (OSHA) Hazards

No OSHA hazards.



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15.2 Superfund Amendments and Reauthorization Act (SARA) 302 Extremely Hazardous Substances

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

15.3 Superfund Amendments and Reauthorization Act (SARA) 311/312 Hazardous Chemicals

Fire Hazard, Acute Health Hazard

15.4 Superfund Amendments and Reauthorization Act (SARA) 313 Toxic Release Inventory (TRI)

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.

15.5 Massachusetts Right-to-Know Substance List

Camphor white oil CAS#8008-51-3

15.6 Pennsylvania Right-to-Know Hazardous Substances

Camphor white oil CAS#8008-51-3

15.7 New Jersey Worker and Community Right-to-Know Components

Camphor white oil CAS#8008-51-3

15.8 California Proposition 65

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

16. Other Information

16.1. Full Text of Hazard Statements referred to under sections 2 and 3.

Eye Irrit.	Eye Irritation
Flam. Liq.	Flammable liquids
Skin Irrit.	Skin Irritation
H226	Flammable liquid and vapour.
H315	Causes skin irritation.
H319	Causes serious eye irritation.

16.2. Miscellaneous Hazard Classes

Canadian Carcinogenicity Hazard Class	Not Available.
Physical Hazards Not Otherwise Classified (PHNOC)	Not Available.
Health Hazards Not Otherwise Classified (HHNOC)	Not Available.
Biohazardous Infectious Materials Hazard Class	Not Available.

16.3. National Fire Protection Association (NFPA) Rating

Health Hazard	2
Fire Hazard	2
Reactivity Hazard	0

16.4. HMIS Rating

Health	2
Chronic Health Hazard	



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Flammability 25
Physical Hazard 0

16.5 Document Revision

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Version # 01

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 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.

Revision Information This document has undergone significant changes and should be reviewed in its entirety.

