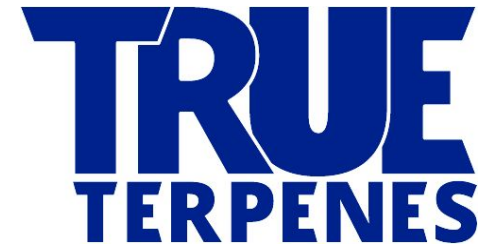


# Safety Data Sheet

## Terpinolene

Revision Date: 08/30/2017  
Page 1 of 5



## 1. Product and Company Information

<b>Product Name</b>	Terpinolene
<b>CAS Number(s)</b>	586-62-9
<b>Company</b>	True Terpenes (888) 954-8550 TrueTerpenes.com
<b>Emergency Contact</b>	Poison Control Help Line: 1 (800) 222-1222

## 2. Hazard(s) Identification

<b>Physical Hazards</b>	Flammable Liquids	Category 4
<b>Health Hazards</b>	Not Classified	
<b>Environmental Hazards</b>	Acute Aquatic Toxicity	Category 1
	Chronic Aquatic Toxicity	Category 1

### Label Elements



**Signal Word** WARNING

### Hazard Statement(s)

H227	Combustible liquid.
H410	Very toxic to aquatic life with long lasting effects.

### Precautionary Statement(s)

P210	Keep away from heat / sparks / open flames / hot surfaces. No smoking.
P273	Avoid release to the environment.
P280	Wear protective gloves / protective clothing / eye protection / face protection.

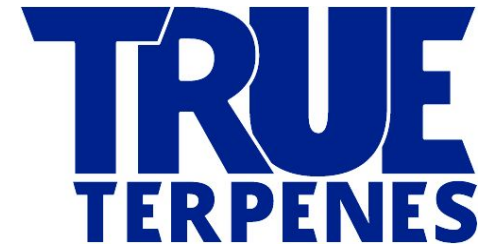
### Response

P370 + P378	In case of fire: Use dry san, dry chemical or alcohol-resistant foam for extinction.
P391	Collect spillage.

# Safety Data Sheet

## Terpinolene

Revision Date: 08/30/2017  
Page 2 of 5



### Storage

P403 + P235 Store in a well-ventilated place. Keep cool.

### Disposal

P501 Dispose of contents / container to an approved waste disposal plant.

## 3. Ingredient Composition and Classification

Chemical Name	Common Name and Synonyms	CAS Number	Formula	Molecular Weight
Terpinolene	-	586-62-9	C <sub>10</sub> H <sub>16</sub>	136.23 g/mol

## 4. First Aid Measures

<b>Inhalation</b>	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
<b>Skin Contact</b>	Wash off with soap and plenty of water. Consult a physician.
<b>Eye Contact</b>	Flush eyes with water as a precaution.
<b>Ingestion</b>	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
<b>General Advice</b>	Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

## 5. Firefighting Measures

<b>Extinguishing Media</b>	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.
<b>Firefighting Procedures</b>	Wear self-contained breathing apparatus for firefighting if necessary.
<b>Hazards and Concerns</b>	Carbon oxides.

## 6. Accidental Release Measures

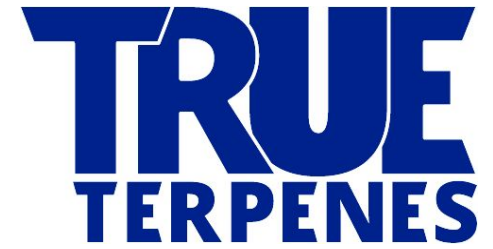
<b>Precautions and Procedures</b>	Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas. Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.
-----------------------------------	---



# Safety Data Sheet

## Terpinolene

Revision Date: 08/30/2017  
Page 3 of 5



<b>Containment and Cleaning</b>	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. Keep in suitable, closed containers for disposal.
<b>Environmental Precautions</b>	-

## 7. Handling, Storage, and Disposal

<b>Precautions for Safe Handling</b>	Avoid inhalation of vapor or mist. Keep away from sources of ignition. No smoking. Take measures to prevent the buildup of electrostatic charge. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
<b>Conditions for Safe Storage</b>	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.
<b>Disposal</b>	This combustible material may be burned in a chemical incinerator equipped with an afterburner and scrubber. Offer surplus and non-recyclable solutions to a licensed disposal company.

## 8. Physical and Chemical Properties

<b>Appearance</b>	Liquid.
<b>Vapor Density</b>	5.46 g/cm <sup>3</sup>
<b>Flash Point</b>	64°C (147°F) - Closed Cup

## 9. Stability and Reactivity

<b>Stability</b>	Stable under recommended storage conditions.
<b>Incompatibility</b>	Heat, flames and sparks.

## 10. Toxicological Information

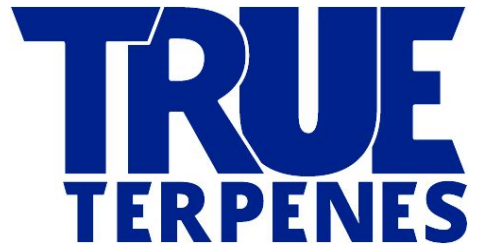
<b>LD50 (Oral)</b>	4.390 mg/kg
<b>Skin Corrosion/Irritation</b>	-
<b>Serious Eye Damage/Eye Irritation</b>	-
<b>Respiratory or Skin Sensitisation</b>	-
<b>Germ Cell Mutagenicity</b>	-
<b>Reproductive Toxicity</b>	-



# Safety Data Sheet

## Terpinolene

Revision Date: 08/30/2017  
Page 4 of 5



**Specific Target Organ Toxicity - Single Exposure** -

**Specific Target Organ Toxicity - Repeated Exposure** -

<b>Carcinogenicity</b>	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.

## 11. Transport Information

<b>DOT</b>	UN Number	2541
	UN Proper Shipping Name	Terpinolene
	Transport Hazard Class(es)	3
	Subsidiary Class(es)	-
	Packing Group	III
	Environmental Hazards	-
	Labels Required	-

## 12. Regulatory Information

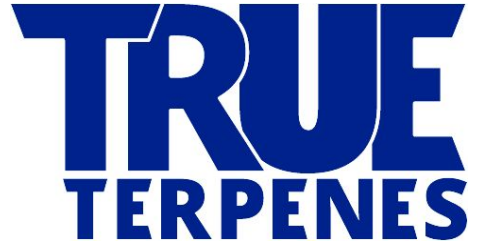
<b>SARA 302 Components</b>	No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
<b>SARA 313 Components</b>	This material does not contain any chemical components with known CAS numbers that exceed the threshold reporting levels established by SARA Title III, Section 313.
<b>SARA 311 / 312 Hazards</b>	Fire Hazard
<b>Right to Know Components (Pennsylvania, New Jersey)</b>	p-Mentha-1,4(8)-diene, CAS No. 586-62-9
<b>California Prop. 65 Components</b>	This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any reproductive harm.
<b>NFPA Rating</b>	Health Hazard - 1 Fire Hazard - 2 Reactivity Hazard - 0 Special Hazard - N/A



# Safety Data Sheet

## Terpinolene

Revision Date: 08/30/2017  
Page 5 of 5



### 13. Other Information

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, 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, manufactures, 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.

