

## 1: Identification of the Substance/Preparation and of the Company

Product Name:	d-Limonene	
Product Code:	d-Limonene	Alliance Chemical, LLC
Recommended Use:	Flavoring	204 South Edmond St
Emergency Telephone #:	CHEMTEL - 1-800-255-3924 (24 Hours/Day, 7 Days/Week)	Taylor, TX 76574 Phone:
		+1 5123656838

## Section 2: Hazards Identification

### Classification:

Flam Liq - Cat 3B	Asp Haz - Cat 1
Skin Irr - Cat 2	Skin Sens - Cat 1
Eye Irr - Cat 2B	Env Haz - Cat 1

**Signal Word:** Danger



### Precautionary Statements:

P210: Keep away from heat/sparks/open flames/hot surface - No smoking  
 P241: Use explosion-proof electrical/ventilating/lighting/equipment  
 P333 + P313: If skin irritation occurs: Get medical advice/attention  
 P304 + P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing  
 P208: Wash...thoroughly after handling  
 P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 P301 + P361 + P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
 P403 + P235: Store in a well-ventilated place - Keep cool

### Hazard Statement:

H226: Flammable liquid and vapour  
 H303: May be harmful if swallowed  
 H304: May be fatal if swallowed and enters airways  
 H315: Causes skin irritation  
 H317: May cause an allergic skin reaction  
 H320: Causes eye irritation  
 H400: Very toxic to aquatic life  
 H410: Very toxic to aquatic life with long lasting effects

## Section 3: Composition/Information on Ingredients

Synonym: Citrus sinensis; Orange Terpenes  
 CAS #: 8008-57-9; 68647-72-3

## Section 4: First-Aid Measures

Eye Contact: Flush immediately with water for at least 15 minutes. Seek medical treatment as necessary.  
 Skin Contact: Remove any contaminated clothing. Wash affected area with soap and water. Seek medical treatment as necessary.  
 Ingestion: Seek medical treatment as necessary.

### Section 5: Fire-Fighting Measures

Extinguishing Media: Carbon Dioxide, Foam, Chemical

Special Fire Fighting Procedures: Vapors may be irritating to eyes and respiratory tract

### Section 6: Accidental Release Measures

Avoid eye contact. Follow good manufacturing practices. Spills should be cleaned up immediately using suitable absorbent material and properly disposed of in accordance with current applicable laws and regulations.

### Section 7: Handling and Storage

Eliminate all ignition sources

### Section 8: Exposure Controls/Personal Protection

Respiratory Protection: None generally required

Personal Protection: Safety glasses and protective gloves recommended

Ventilation: Local exhaust

Exposure Limits: Not available

### Section 9: Physical and Chemical Properties

Flash Point (cc) F 122      Flash Point (cc) C 46      Specific Gravity (WATER = 1) 0.840

Vapor Pressure (mm Hg) n/a      Melting Point n/a

Vapor Density (AIR = 1) n/a      Evaporation Rate (Butyl Acetate = 1) n/a

Solubility in Water Insoluble

Appearance and Odor Clear Liquid, Orange Terpenic Odor

### Section 10: Stability and Reactivity

Stability: Chemically

Hazardous Decomposition or Byproducts: Carbon monoxides is a product of incomplete combustion

Conditions to Avoid: Keep away from ignition source

### Section 11: Toxicological Information

Route(s) of Entry:      Inhalation:       Skin:       Ingestion:

Health Hazards (Acute and Chronic):      Eye and skin irritant

[This product is not classified as a carcinogen by OSHA, IARC, ACGIH or NTP. This product has not been shown to produce genetic changes when tested on bacterial or animal cells].

### Section 12: Ecological Information

[Ecotoxicity: There is no information available at this time for this product]

### Section 13: Disposal Considerations

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

### Section 14: Transport Information

UN CODE 2319                      Packing Group III                      Hazard Class 3

Proper Shipping Name: Terpene Hydrocarbons, n.o.s. (d-limonene)

US DOT - Exception 173.150 Section F

### Section 15: Regulatory Information

FEMA #                      4850  
EINECS #                    232-433-8  
FDA #                        182.2

### Section 16: Other Information

Creation Date                      5/20/2014    Revision Date                      03/22/2021

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall the manufacture be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages.