

Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

Product identifier:

Identification as on the label/Trade name: Citrus Solvent.

Relevant identification uses of the substance and uses advised against:

Identified uses: For treatment and protection of wood products.

Uses advised against: No other uses are advised.

Details of the manufacturer and supplier of the SDS:

Bumblechutes, LLC
150 Bridge St
PO Box 037
Pelham, NH 03076
+1-617-958-6929
www.bumblechutes.com

Emergency telephone numbers:

24-hour Emergency Contact:
CHEMTREC 24-hour: +1-800-424-9300 (USA)

Section 2: Hazards Identification

Classification of the substances or mixture:

The mixture is classified according to: Regulation EC 1272/2008 [EU-GHS/CLP]

Hazard classes/Hazard categories:

Flammable liquid (Category 3)
Skin irritant (Category 2)
Skin sensitizer (Category 1)
Aquatic chronic (Category 1)

Label elements:

Hazard pictograms:



Signal word: Warning.

Hazard statements:

H226 Flammable liquid and vapor.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements:
Prevention

- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P261 Avoid breathing mist/vapors.
 P264 Wash hands thoroughly after handling.
 P272 Contaminated work clothing should not be allowed out of the workplace.
 P273 Avoid release to the environment.
 P280 Wear protective gloves/protective clothing.

Response

- P302 + P352 IF ON SKIN: Wash with plenty of water.
 P333 + P317 If skin irritation or rash occurs: Get medical help.
 P362 + P364 Take off contaminated clothing and wash it before reuse.
 P391 Collect spillage.

Storage

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

Disposal

- P501 Dispose of contents/container in accordance with local regulations.

Section 3: Composition/Information on Ingredients

Substance/Mixture: Mixture.

Ingredients:

Substance name (IUPAC/EC)	CAS-No.	Concentration % by weight	SCLs, M-Factors, Acute Toxicity Estimates (ATE)	Classification EC1272/2008
	EC-No.			
d-limonene	5989-27-5	>99%	-	Flam. Liq. 3 H226 Skin Irrit. 2 H315 Skin Sens. 1 H317 Aquatic Acute 1 H400 Aquatic Chronic 1 H410
	227-813-5			

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Section 4: First-Aid Measures
Description of first aid measures:

Inhalation: Move to fresh air.

Ingestion: After swallowing: caution if victim vomits. Risk of aspiration! Keep airways free. Pulmonary failure possible after aspiration of vomit. Call a physician immediately.

Skin contact: In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/shower. Consult a physician.

Eye contact: After eye contact: rinse out with plenty of water. Remove contact lenses.

Most important symptoms and effects, both acute and delayed:

The most important known symptoms and effects are described in the labelling (see Section 2.2).

Indication of any immediate medical attention and special treatment needed: Treat symptomatically.

Section 5: Fire-Fighting Measures

Extinguisher media:

Suitable extinguisher media: Carbon dioxide (CO₂), foam, dry powder.

Unsuitable extinguishing media: None known.

Special hazards arising from the mixture: Development of hazardous combustion gases or vapors possible in the event of fire.

Advice for fire-fighters: Stay in danger area only with self-contained breathing apparatus. Prevent skin contact by keeping a safe distance or by wearing suitable protective clothing.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

Advice for non-emergency personnel: Do not breathe vapors, aerosols. Avoid substance contact. Ensure adequate ventilation. Keep away from heat and sources of ignition. Evacuate the danger area, observe emergency procedures, consult an expert. For personal protection see section 8.

Environmental precautions: Do not let product enter drains.

Methods for containment and cleaning up:

Observe possible material restrictions (see Sections 7 and 10). Take up carefully with liquid-absorbent material. Dispose of properly. Clean up affected area.

Section 7: Handling and Storage

Precautions for safe handling:

Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharge.

Advice on general occupational hygiene: Immediately change contaminated clothing. Apply preventive skin protection. Wash hands and face after working with substance.

Conditions for safe storage, including incompatibilities:

Keep container tightly closed in a dry and well-ventilated place. Keep away from heat and sources of ignition.

Section 8: Exposure Controls and Personal Protection

Control parameters:

Occupational exposure limits: Does not contain substances with occupational exposure limits.

Exposure control:

Appropriate engineering controls: Use with adequate ventilation.

Individual protection measures, such as personal protective equipment:

Eye/face protection: Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Hand protection: Butyl rubber or latex gloves.

Body protection: Protective clothing as appropriate.

Respiratory protection: Recommended Filter type: Filter A (acc. to DIN 3181) for vapors of organic compounds.

Section 9: Physical and Chemical Properties

Information on basic physical and chemical properties:

Appearance (form): Liquid.

Color: Colorless.

Odor: Characteristic.

Odor threshold: No data available.

pH (concentration): No data available.

Melting point/range (°C): -74 °C

Boiling point/range (°C): 176 °C

Flash point (°C): 51 °C

Evaporation rate: No data available.

Flammability (solid, gas): No data available.

Upper/lower flammability/explosive limits: Upper explosion limit: 6.1% (v), Lower explosion limit: 0.7% (v)

Vapor pressure (20 °C): 2 hPa

Vapor density: No data available.

Relative density (25 °C): 0.84

Water solubility (g/L) at 20 °C: Insoluble.

n-Octanol/Water partition coefficient: No data available.

Auto-ignition temperature: 245 °C

Decomposition temperature: No data available.

Viscosity, dynamic (mPa s): No data available.

Section 10: Stability and Reactivity

Reactivity: No specific test data related to reactivity available for this product or its ingredients.

Chemical stability: Stable under recommended conditions of storage.

Possibility of hazardous reactions: Hazardous polymerization is not expected to occur.

Conditions to avoid: Elevated temperatures, ignition sources.

Incompatible materials: Strong oxidizing agents, acids.

Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11: Toxicological Information

Information on toxicological effects:

Acute toxicity: No data available.

Skin corrosion/irritation: Causes skin irritation.

Serious eye damage/irritation: No data available.

Respiratory or skin sensitization: May cause an allergic skin reaction.

Germ cell mutagenicity: No data available.
Carcinogenicity: Not data available.
Reproductive toxicity: No data available.
STOT-single exposure: No data available.
STOT-repeated exposure: No data available.
Aspiration hazard: No data available.

Section 12: Ecological Information

Toxicity: Very toxic to aquatic life with long lasting effects.
Persistence and degradability: Readily biodegradable.
Bioaccumulative potential: No data available.
Mobility in soil: No data available.
Results of PBT& vPvB assessment: This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Section 13: Disposal Considerations

Waste treatment methods: Dispose of in accordance with local / national regulations.
Product/packaging disposal: Dispose of as unused product.

Section 14: Transport Information

UN number: 2052
UN proper shipping name: DIPENTENE
Transport hazard class: 3
Packing group: III
Environmental hazards: Hazardous to the aquatic environment.
Special precautions for user: Refer to Sections 6 – 8
Limited quantities: 5L
Excepted quantities: E1

Section 15: Regulatory Information

Safety, health and environmental regulations/legislation for the mixture:

SARA Title III Section 302/304 Extremely Hazardous Substance: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA Title III Section 311/312 Hazard Categorization: Acute Health Hazard.

SARA Title III Section 313 Supplier Information: 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.

CERCLA Section 102(a) Hazardous Substance: This material does not contain any chemical components with CERCLA reportable quantities.

California Proposition 65: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Chemical Safety Assessment carried out: No.

Section 16: Other Information

Indication of changes: GHS aligned.

Relevant classification and H statements (number and full text):

H226 Flammable liquid and vapor.

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.

Training instructions: Use as instructed.

Further information: This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

Notice to readers: Employers should use this information only as a supplement to other information gathered by them and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.