SAFETY DATA SHEET
Multi Purpose Solvent/Degreaser (D'limonene)

Printed: 06/16/2015
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1. Product and Company Identification

Product Code: 9122
Product Name: Multi Purpose Solvent/Degreaser (D'limonene)

Company Name: SUNBELT LABORATORIES
P.O. BOX 1563
STAFFORD, TX 77497

Phone Number: (281)261-4747

Web site address: www.sunbelt-labs.com

Emergency Contact: CHEM-TEL (800)255-3924

2. Hazards Identification

Flammable Liquids, Category 3
Skin Corrosion/Irritation, Category 2
Skin Sensitization, Category 1
Aquatic Toxicity (Acute), Category 1
Aquatic Toxicity (Chronic), Category 1

GHS Signal Word: **Warning**

GHS Hazard Phrases:
Flammable liquid and vapor.
Causes skin irritation.
May cause an allergic skin reaction.
May cause damage to through prolonged or repeated exposure.
Very toxic to aquatic life.

GHS Precaution Phrases:
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Keep container tightly closed.
Use explosion-proof electrical/ventilating/lighting/.../ equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Wash hands thoroughly after handling.
Contaminated work clothing should not be allowed out of the workplace.
Avoid release to the environment.

GHS Response Phrases:
IF ON SKIN: Wash with plenty of soap and water.
IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
Get medical attention/advice if you feel unwell.
Specific treatment see ... on this label.
If skin irritation occurs, get medical advice/attention.
If skin irritation or rash occurs, seek medical advice/attention.
Take off contaminated clothing and wash before re-use.
Wash contaminated clothing before reuse.
Collect spillage.

GHS Storage and Disposal Phrases:
Store in cool/well-ventilated place.
Dispose of contents/container to ...

OSHA Regulatory Status: This material is classified as hazardous under OSHA regulations.

Potential Health Effects (Acute and Chronic):

Inhalation: May be harmful if inhaled. May be harmful by inhalation, ingestion, or skin absorption.

Skin Contact: Causes skin irritation. May cause skin sensitization, an allergic reaction, which becomes evident upon re-exposure to this material. Prolonged and/or repeated contact may cause defatting of the skin and dermatitis. May cause skin irritation.

Eye Contact: Causes severe eye irritation.

Ingestion: May cause digestive tract disturbances. May be harmful if swallowed.

Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration	
5989-27-5	(R)-1-Methyl-4-(1-methylethenyl)-cyclohexene	75.0 -95.0 %	
9016-45-9	Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydr	1.0 -5.0 %	
127087-87-0	Ethoxylathed Nonylphenol	1.0 -4.0 %	

4. First Aid Measures

Emergency and First Aid Procedures:

In Case of Inhalation: If inhaled, remove to fresh air. If breathing is difficult, give oxygen. Get medical aid.

In Case of Skin Contact: In case of contact, immediately flush skin with soap and plenty of water. Remove contaminated clothing and shoes. Get medical aid if symptoms occur. Wash clothing before reuse.

In Case of Eye Contact: Get medical aid. In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes.

In Case of Ingestion: Never give anything by mouth to an unconscious person. Get medical aid. If swallowed, wash out mouth with water provided person is conscious. Call a physician.

Signs and Symptoms Of Exposure: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. Gastrointestinal disturbances. Nausea, vomiting, diarrhea. Exposure can cause:

Note to Physician: Treat symptomatically and supportively.

5. Fire Fighting Measures

Flash Pt: > 115.00 F (46.1 C)

Explosive Limits: LEL: 1.7 at 302.0 F (150.0 C) UEL: 6.1 at 302.0 F (150.0 C)

Autoignition Pt: 237.00 F (113.9 C)

Suitable Extinguishing Media: Use water fog, dry chemical, carbon dioxide or alcohol type foam. Suitable:

Unsuitable Extinguishing Media: Do not use water jet as an extinguisher, as this will spread the fire.

Fire Fighting Instructions: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Containers may explode in the heat of a fire. Flammable liquid and vapor. Vapors are heavier than air and may travel to a source of ignition and flash back. Vapors can spread along the ground and collect in low or confined areas. This liquid floats on water and may travel to a source of ignition and spread fire. Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Flammable Properties and Hazards: No data available.

No data available.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled: Use proper personal protective equipment as indicated in Section 8.
Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Forms smooth, slippery surfaces on floors, posing an accident risk. Remove all sources of ignition. Provide ventilation. PROCEDURE(S) OF PERSONAL PRECAUTION(S)
Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves. Methods for cleaning up.
Ventilate area and wash spill site after material pickup is complete.

7. Handling and Storage

Precautions To Be Taken in Handling: Ground and bond containers when transferring material. Avoid contact with eyes, skin, and clothing. Empty containers retain product residue, (liquid and/or vapor), and can be dangerous. Keep away from heat, sparks and flame. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames. Use only with adequate ventilation.

Precautions To Be Taken in Storing: Keep away from heat, sparks and flame. Keep away from sources of ignition. Store in a cool, dry, well-ventilated area away from incompatible substances. Flammables-area. Separate from oxidizing materials. Partially filled containers should be blanketed with nitrogen. Suitable:

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
5989-27-5	(R)-1-Methyl-4-(1-methylethenyl)-cyclohexene	No data.	No data.	No data.
9016-45-9	Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydr	No data.	No data.	No data.
127087-87-0	Ethoxylathed Nonylphenol	No data.	No data.	No data.

Respiratory Equipment (Specify Type): Hand: Compatible chemical-resistant gloves.

Eye Protection: Wear chemical splash goggles. Chemical safety goggles.

Protective Gloves: Wear appropriate protective gloves to prevent skin exposure.

Other Protective Clothing: Wear appropriate protective clothing to prevent skin exposure.

Engineering Controls (Ventilation etc.): Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low. Mechanical exhaust required. Safety shower and eye bath.

Work/Hygienic/Maintenance Practices: Wash thoroughly after handling.

9. Physical and Chemical Properties

Physical States: [ ] Gas [X] Liquid [ ] Solid

Appearance and Odor: Clear, Amber.
Orange-Like Odor.

pH: NA

Melting Point: 206.00 F (96.7 C)

Boiling Point: > 348.00 F (175.6 C)

Flash Pt: > 115.00 F (46.1 C)

Evaporation Rate: < 1

Flammability (solid, gas): No data available.

Explosive Limits: LEL: 1.7 at 302.0 F (150.0 C) UEL: 6.1 at 302.0 F (150.0 C)

Vapor Pressure (vs. Air or mm Hg): NA1.98 MM_HG at 25.0 C (77.0 F)

Vapor Density (vs. Air = 1): 4.7

Specific Gravity (Water = 1): .810 at 77.0 F (25.0 C)

Solubility in Water: Insoluble

Percent Volatile: 95.0 % by volume.

Autoignition Pt: 237.00 F (113.9 C)

10. Stability and Reactivity

Stability: Unstable [ ] Stable [X]

Conditions To Avoid - Instability: ignition sources, Excess heat.

Incompatibility - Materials To Avoid: Strong oxidizing agents.

Hazardous Decomposition or Byproducts: Carbon monoxide, irritating and toxic fumes and gases.

Possibility of Hazardous Reactions: Will occur [ ] Will not occur [X]

Conditions To Avoid - Hazardous Reactions: Product will not undergo polymerization.

11. Toxicological Information

Toxicological Information: No data available.

Carcinogenicity/Other Information: CAS# 5989-27-5: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
5989-27-5	(R)-1-Methyl-4-(1-methylethenyl)-cyclohexene	n.a.	3	n.a.	n.a.
9016-45-9	Poly(oxy-1,2-ethanediyl),	n.a.	n.a.	n.a.	n.a.
127087-87-0	.alpha.-(nonylphenyl)-.omega.-hydr Ethoxylathed Nonylphenol	n.a.	n.a.	n.a.	n.a.

12. Ecological Information

General Ecological Information: Environmental: May bioconcentrate in aquatic organisms and fish. Has low mobility in soil and may rapidly volatilize in the atmosphere. Limonene can be readily degraded in soil.
Physical: No information available.
Other: Dipentene, which is optically inactive limonene, is a marine pollutant. ELIMINATION.

13. Disposal Considerations

Waste Disposal Method: Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.
RCRA P-Series: None listed.
RCRA U-Series: None listed. APPROPRIATE METHOD OF DISPOSAL OF SUBSTANCE OR PREPARATION. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Extracts, flavoring, liquid.
DOT Hazard Class: 3 FLAMMABLE LIQUID
UN/NA Number: UN1197 **Packing Group:** III

LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: Extracts, Flavoring Liquid.

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Non-Hazardous for Air Transport: Non-hazardous for air transport.

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
5989-27-5	(R)-1-Methyl-4-(1-methylethenyl)-cyclohexene	No	No	No
9016-45-9	Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydr	No	No	No
127087-87-0	Ethoxylathed Nonylphenol	No	No	No

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:	[X] Yes [ ] No	Acute (immediate) Health Hazard
	[ ] Yes [X] No	Chronic (delayed) Health Hazard
	[X] Yes [ ] No	Fire Hazard
	[ ] Yes [X] No	Sudden Release of Pressure Hazard
	[ ] Yes [X] No	Reactive Hazard

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
5989-27-5	(R)-1-Methyl-4-(1-methylethenyl)-cyclohexene	TSCA: Inventory
9016-45-9	Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydr	TSCA: Inventory, 8A PAIR
127087-87-0	Ethoxylathed Nonylphenol	TSCA: Inventory, 8A PAIR

16. Other Information

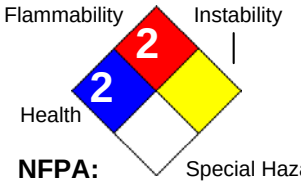
Revision Date: 06/16/2015

Hazard Rating System:

HMIS:

HEALTH	2
FLAMMABILITY	2
REACTIVITY	0
PPE	

NFPA:



Additional Information About This Product: No data available.

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