

FLINN SCIENTIFIC, INC.

Material Safety Data Sheet (MSDS)

MSDS #: 879.60

Revision Date: November 24, 2010

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Geraniol

Flinn Scientific, Inc. P.O. Box 219 Batavia, IL 60510 (800) 452-1261

CHEMTREC Emergency Phone Number: (800) 424-9300

SECTION 2 — COMPOSITION, INFORMATION ON INGREDIENTS

Geraniol

Synonyms: 3,7-Dimethyl-trans-2,6-octadien-1-ol; Geraniol alcohol; Guaniol; Lemonol

CAS#: 106-24-1

SECTION 3 — HAZARDS IDENTIFICATION

Clear, colorless liquid. Geranium odor.

Irritating to eyes, respiratory system, and skin.

May be harmful if inhaled, ingested, or absorbed through the skin.

FLINN AT-A-GLANCE

Health-1

Flammability-1

Reactivity-0

Exposure-1

Storage-0

0 is low hazard, 3 is high hazard

SECTION 4 — FIRST AID MEASURES

Call a physician, seek medical attention for further treatment, observation and support after first aid.

Inhalation: Remove to fresh air at once. If breathing has stopped give artificial respiration immediately.

Eye: Immediately flush with fresh water for at least 15 minutes.

External: Wash continuously with mild soap and fresh water for at least 15 minutes.

Internal: Rinse mouth with water and give large quantities of water. Never give anything by mouth to an unconscious person. Call a physician or poison control at once.

SECTION 5 — FIRE FIGHTING MEASURES

Class IIIB combustible liquid.

Flash point: 110 °C (Closed cup).

Fire Fighting Instructions: Use triclass, dry chemical fire extinguisher. Firefighters should wear PPE and SCBA with full facepiece operated in positive pressure mode.

NFPA CODE

H-2

F-1

R-0

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Restrict unprotected personnel from area. Remove all ignition sources and ventilate area. Contain spill with sand or other inert absorbent material; deposit in sealed bag or container. See Sections 8 and 13 for further information.

SECTION 7 — HANDLING AND STORAGE

Flinn Suggested Chemical Storage Pattern: Organic Miscellaneous. Store together with the Organic Smell Identification Kit.

SECTION 8 — EXPOSURE CONTROLS, PERSONAL PROTECTION

Avoid contact with eyes, skin, and clothing. Wear chemical splash goggles, chemical-resistant gloves, and chemical-resistant apron. Use ventilation to keep airborne concentrations below exposure limits. Always wear a NIOSH-approved respirator with proper cartridges or a positive pressure, air-supplied respirator when handling this material in emergency situations (spill or fire).

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Clear, colorless liquid.	Density: 0.879
Solubility: Insoluble in water. Soluble in alcohol	Boiling Point: 230 °C @ 760 mmHg
Formula: C ₁₀ H ₁₈ O	Melting Point: 15 °C @760 mmHg
Formula Weight: 154.25	Vapor Density: 5.31 (Air=1)
	Vapor Pressure: 0.2 mmHg @ 20 °C

SECTION 10 — STABILITY AND REACTIVITY

Keep away from heat and open flame. Incompatible with strong oxidizing agents, acid chlorides, acid anhydrides.
Hazardous decomposition products (by fire): Carbon dioxide, carbon monoxide
Shelf Life: Excellent, if stored safely.

SECTION 11 — TOXICOLOGICAL INFORMATION

Acute effects: Irritation to eyes, skin, and respiratory system.	ORL-RAT LD ₅₀ : 3600 mg/kg
Chronic effects: N.A.	IHL-RAT LC ₅₀ : N.A.
Target organs: N.A.	SKN-RBT LD ₅₀ : >5000 mg/kg

N.A. = Not available, not all health aspects of this substance have been fully investigated.

SECTION 12 — ECOLOGICAL INFORMATION

Data not yet available.

SECTION 13 — DISPOSAL CONSIDERATIONS

Please consult with state and local regulations.
Flinn Suggested Disposal Method #18a is one option.

SECTION 14 — TRANSPORT INFORMATION

Shipping Name: N/A
Hazard Class: N/A
UN Number: N/A
N/A = Not applicable

SECTION 15 — REGULATORY INFORMATION

TSCA listed.

SECTION 16 — OTHER INFORMATION

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**Consult your copy of the *Flinn Science Catalog/Reference Manual*
for additional information about laboratory chemicals.**
