

# FLINN SCIENTIFIC INC.

"Your Safer Source for Science Supplies"

## Material Safety Data Sheet (MSDS)

MSDS #: 236.50

Revision Date: November 25, 2002

---

### Section 1 — Chemical Product and Company Identification

---

## Chromatography Solvent

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

---

Petroleum Ether (8032-32-4) 80-90% and Acetone (67-64-1) 10-20%.

CAS#: None Established

---

### Section 3 — Hazards Identification

---

Colorless, volatile solution. Natural gas-like odor.

Mildly toxic by ingestion, inhalation and skin absorption. Irritating to body tissues. Avoid all body contact.

Flammable; dangerous fire risk.

#### FLINN AT-A-GLANCE

Health-1

Flammability-3

Reactivity-1

Exposure-1

Storage-3

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 15 minutes.

External: Wash continuously with fresh water for 15 minutes.

Internal: Give large quantities of water. Call a physician or poison control at once.

---

### Section 5 — Fire Fighting Measures

---

Flammable liquid.

Dangerous fire risk, avoid contact with heat, sparks or open flames.

**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

None Established

---

### Section 6 — Accidental Release Measures

---

Restrict unprotected personnel from area. Remove all ignition sources and ventilate area. Contain spill with sand and 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 #4. Store with ethers, ketones, halogenated hydrocarbons and ethylene oxide.

Store in a dedicated flammables cabinet. If a flammables cabinet is not available, store in Flinn Saf-Stor Can.

Use and dispense in a hood.

---

### 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 exhaust ventilation to keep airborne concentrations low.

---

### Section 9 — Physical and Chemical Properties

---

Colorless, volatile solution. Natural gas-like odor.

---

### Section 10 — Stability and Reactivity

---

Avoid oxidizing agents. Avoid all sources of ignition.  
Shelf life: Good if stored safely.

---

### Section 11 — Toxicological Information

---

Acute effects: N.A.	ORL-RAT LD50: N.A.
Chronic effects: N.A.	IHL-RAT LC50: N.A.
Target organs: N.A.	SKN-RBT LD50: N.A.

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: Petroleum Distillates, n.o.s.  
Hazard Class: 3, Flammable liquid.  
UN Number: UN1268

N/A = Not applicable

---

### Section 15 — Regulatory Information

---

Not listed.

---

### Section 16 — Other Information

---

Consult your copy of the Flinn Scientific Catalog/Reference Manual for additional information about laboratory chemicals. This Material Safety Data Sheet (MSDS) is for guidance and is based upon information and tests believed to be reliable. Flinn Scientific Inc. makes no guarantee of the accuracy or completeness of the data and shall not be liable for any damages relating thereto. The data is offered solely for your consideration, investigation, and verification. Flinn Scientific Inc. assumes no legal responsibility for use or reliance upon this data.

**FLINN SCIENTIFIC INC.**

"Your Safer Source for Science Supplies"

*Flinn Chemical Packaging Prevents Accidents*

flinn@flinnsci.com www.flinnsci.com  
P.O. Box 219 Batavia IL 60510  
(800) 452-1261 Fax (866) 452-1436