



SDS #: 884

Revision Date: March 26, 2014

## Propyl Acetate Safety Data Sheet (SDS)

### SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

#### Propyl Acetate

**Signal Word**  
**DANGER**

Flinn Scientific, Inc. P.O. Box 219, Batavia, IL 60510 (800) 452-1261  
Chemtrec Emergency Phone Number: (800) 424-10546

Pictograms

### SECTION 2 — HAZARDS IDENTIFICATION

Hazard class: Flammable liquids (Category 2). Highly flammable liquid and vapor (H225). Keep away from heat, sparks, open flames, and hot surfaces. No smoking (P210).



Hazard class: Serious eye damage or irritation (Category 2A). Causes serious eye irritation (H319).



Hazard class: Specific target organ toxicity, single exposure; Narcotic effects (Category 3). May cause drowsiness or dizziness (H336). Avoid breathing mist, vapors or spray (P261).

### SECTION 3 — COMPOSITION, INFORMATION ON INGREDIENTS

Component Name	CAS Number	Formula	Formula Weight	Concentration
Propyl acetate	109-60-4	C <sub>5</sub> H <sub>10</sub> O <sub>2</sub>	102.13	
Synonyms: n-Propyl acetate; Acetic acid, propyl ester				

### SECTION 4 — FIRST AID MEASURES

Call a POISON CENTER or physician if you feel unwell (P312).

**If inhaled:** Remove victim to fresh air and keep at rest in a position comfortable for breathing (P304+P340).

**If in eyes:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing (P305+P351+P338). **If eye irritation persists eyes:** Get medical advice or attention (P337+P313).

**If on skin:** Wash with plenty of water.

**If swallowed:** Rinse mouth. Call a POISON CENTER or physician if you feel unwell.

### SECTION 5 — FIRE FIGHTING MEASURES

Class 1B flammable liquid.

**NFPA Code**

Flash point: 13 °C Flammable limits: Lower: 1.7% Upper: 8% Autoignition Temperature: H-1  
450 °C F-3  
Vapors can flow to distant ignition sources and flash back. Avoid static discharge. When R-0  
heated to decomposition, may emit toxic fumes.  
In case of fire: Use a tri-class dry chemical fire extinguisher.

---

**SECTION 6 — ACCIDENTAL RELEASE MEASURES**

---

Remove all ignition sources and ventilate area. Contain the spill with sand or absorbent material and deposit in a sealed bag or container. See Sections 8 and 13 for further information.

---

**SECTION 7 — HANDLING AND STORAGE**

---

Flinn Suggested Chemical Storage Pattern: Organic #3. Store with hydrocarbons, oils, esters and aldehydes. Store in a dedicated flammables cabinet. If a flammables cabinet is not available, store in Flinn Saf-Stor™ can. Moisture sensitive material. Store in a cool, dry place. Use only in a well-ventilated area or in a hood.

---

**SECTION 8 — EXPOSURE CONTROLS, PERSONAL PROTECTION**

---

Wear protective gloves, protective clothing, and eye protection. Wash hands thoroughly after handling. Use only in a well-ventilated area or in a hood.

Exposure guidelines: PEL/TLV 200 ppm (OSHA, ACGIH); STEL 250 ppm (ACGIH)

---

**SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES**

---

Colorless liquid. Odor of pears	Boiling point: 102 °C
Soluble: Water, alcohols, ketones, esters, and hydrocarbons.	Melting point: -95 °C
	Specific gravity: 0.880
	Vapor density: 3.5
	Vapor pressure: 23 mmHg

---

**SECTION 10 — STABILITY AND REACTIVITY**

---

Moisture sensitive. Avoid contact with oxidizers, bases, acids, moisture, and heat.  
Shelf life: Poor, moisture sensitive. See Section 7 for further information.

---

**SECTION 11 — TOXICOLOGICAL INFORMATION**

---

Acute effects: Irritant, nausea, vomiting, diarrhea, drowsiness, dizziness.	ORL-RAT LD <sub>50</sub> : 9370 mg/kg
Chronic effects: Blood effects.	IHL-RAT LC <sub>50</sub> : N.A.
Target organs: Central nervous system.	SKN-RBT LD <sub>50</sub> : greater than 20 mL/kg

---

**SECTION 12 — ECOLOGICAL INFORMATION**

---

96HR LC<sub>50</sub> fathead minnow: 60 mg/L

---

**SECTION 13 — DISPOSAL CONSIDERATIONS**

---

Please review all federal, state and local regulations that may apply before proceeding.  
Flinn Suggested Disposal Method #18a is one option.

---

**SECTION 14 — TRANSPORT INFORMATION**

---

Shipping name: n-Propyl acetate. Hazard class: 3, Flammable Liquid. UN number: UN1276.

---

**SECTION 15 — REGULATORY INFORMATION**

---

TSCA-listed, EINECS-listed (203-686-1).

---

**SECTION 16 — OTHER INFORMATION**

---

This Safety Data Sheet (SDS) 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. The data should not be confused with local, state, federal or

insurance mandates, regulations, or requirements and CONSTITUTE NO WARRANTY. Any use of this data and information must be determined by the science instructor to be in accordance with applicable local, state or federal laws and regulations. The conditions or methods of handling, storage, use and disposal of the product(s) described are beyond the control of Flinn Scientific, Inc. and may be beyond our knowledge. FOR THIS AND OTHER REASONS, WE DO NOT ASSUME RESPONSIBILITY AND EXPRESSLY DISCLAIM LIABILITY FOR LOSS, DAMAGE OR EXPENSE ARISING OUT OF OR IN ANY WAY CONNECTED WITH THE HANDLING, STORAGE, USE OR DISPOSAL OF THIS PRODUCT(S).

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

N/A = Not applicable

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

**Revision Date:** March 26, 2014

---