

# FLINN SCIENTIFIC, INC.

## Safety Data Sheet (SDS)

SDS #: 884.00

Revision Date: March 26, 2014

### SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

#### Propyl Acetate

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

CHEMTREC Emergency Phone Number: (800) 424-9300

Signal Word **DANGER**

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:** 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.

Flash point: 13 °C Flammable limits: Lower: 1.7% Upper: 8% Autoignition Temperature: 450 °C

Vapors can flow to distant ignition sources and flash back. Avoid static discharge. When heated to decomposition, may emit toxic fumes.

**In case of fire:** Use a tri-class dry chemical fire extinguisher.

NFPA CODE

H-1

F-3

R-0

### 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.

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**SECTION 7 — HANDLING AND STORAGE**

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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.

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

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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)

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**SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES**

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Colorless liquid. Odor of pears

Soluble: Water, alcohols, ketones, esters, and hydrocarbons.

Boiling point: 102 °C

Melting point: -95 °C

Specific gravity: 0.880

Vapor density: 3.5

Vapor pressure: 23 mmHg

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**SECTION 10 — STABILITY AND REACTIVITY**

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Moisture sensitive. Avoid contact with oxidizers, bases, acids, moisture, and heat.

Shelf life: Poor, moisture sensitive. See Section 7 for further information.

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**SECTION 11 — TOXICOLOGICAL INFORMATION**

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Acute effects: Irritant, nausea, vomiting, diarrhea, drowsiness, dizziness.

Chronic effects: Blood effects.

Target organs: Central nervous system.

ORL-RAT LD<sub>50</sub>: 9370 mg/kg

IHL-RAT LC<sub>50</sub>: N.A.

SKN-RBT LD<sub>50</sub>: >20 mL/kg

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

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**SECTION 12 — ECOLOGICAL INFORMATION**

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

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**SECTION 13 — DISPOSAL CONSIDERATIONS**

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Please review all federal, state and local regulations that may apply before proceeding.

Flinn Suggested Disposal Method #18a is one option.

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**SECTION 14 — TRANSPORT INFORMATION**

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

N/A = Not applicable

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**SECTION 15 — REGULATORY INFORMATION**

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

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**SECTION 16 — OTHER INFORMATION**

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

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