

FLINN SCIENTIFIC, INC.

Safety Data Sheet (SDS)

SDS #: 879.80

Revision Date: December 13, 2013

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Pentyl Acetate

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

CHEMTREC Emergency Phone Number: (800) 424-9300

Signal Word **WARNING**

Pictograms



SECTION 2 — HAZARDS IDENTIFICATION

Hazard class: Flammable liquids (Category 3). Flammable liquid and vapor(H226). Keep away from heat, sparks, flames, and hot surfaces. No smoking (P210).

SECTION 3 — COMPOSITION, INFORMATION ON INGREDIENTS

Component Name	CAS Number	Formula	Formula Weight	Concentration
Pentyl acetate	628-63-7	C ₇ H ₁₄ O ₂	130.19	
Synonyms: Amyl acetate; Pentyl ester acetic acid; 1-Pentyl acetate				

SECTION 4 — FIRST AID MEASURES

Call a POISON CENTER or physician if you feel unwell.

If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

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: 16 °C Flammable limits: Lower: 1.1% Upper: 7.5% Autoignition Temperature: 360 °C

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 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. Keep container tightly closed (P233). Keep cool (P235). Ground or bond container and receiving equipment (P240). Use explosion-proof electrical and ventilating equipment (P241).

SECTION 8 — EXPOSURE CONTROLS, PERSONAL PROTECTION

Wear protective gloves, protective clothing, and eye protection. Wash thoroughly after handling.
Exposure guidelines: PEL 100 ppm (OSHA), TLV 50 ppm, STEL 100 ppm (ACGIH)

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Clear colorless liquid. Odor of banana.	Boiling point: 149.2 °C
Soluble: Ethyl alcohol. Slightly in water.	Density: 0.876
	Melting point: -100 °C
	Vapor density: 4.5
	Vapor pressure: 4.2

SECTION 10 — STABILITY AND REACTIVITY

Keep away from heat and open flame. Incompatible with strong oxidizing agents, strong bases.
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 : >1600 mg/kg
Chronic effects: N.A.	IHL-RAT LC ₅₀ : N.A.
Target organs: Central Nervous System	SKN-RBT LD ₅₀ : N.A.

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

SECTION 12 — ECOLOGICAL INFORMATION

May be toxic to aquatic life.

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: Amyl acetates. Hazard class: 3. UN number: 1104.

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.