

FLINN SCIENTIFIC, INC.
Material Safety Data Sheet (MSDS)

X. Ref A or I
MSDS #: 71.00 9-12-13 M. Garble
Revision Date: April 28, 2011

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Amyl Acetate

Flinn Scientific, Inc. P.O. Box 219 Batavia, IL 60510 (800) 452-1261
CHEMTREC Emergency Phone Number: (800) 424-9300

See Ise pentyl
Acetate

SECTION 2 — COMPOSITION, INFORMATION ON INGREDIENTS

Amyl acetate
Synonyms: pentyl acetate, banana oil
CAS#: 628-63-7

SECTION 3 — HAZARDS IDENTIFICATION

Clear, colorless liquid. Banana-like odor.
Irritant; harmful if inhaled. Avoid skin or eye contact.
Flammable liquid. Dangerous fire risk.

FLINN AT-A-GLANCE

Health-0
Flammability-3
Reactivity-1
Exposure-1
Storage-3

0 is low hazard, 3 is high hazard

SECTION 4 — FIRST AID MEASURES

Call a physician and 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 or External: Immediately flush with fresh water for at least 15 minutes.
Internal: Induce vomiting. Call a physician or poison control at once.

SECTION 5 — FIRE FIGHTING MEASURES

Class 1C flammable liquid.
Flash point: 25 °C Flammable limits: Lower: 1.1% Upper: 7.5% Autoignition Temperature: 360 °C
Fire Fighting Instructions: Use a triclass, dry chemical fire extinguisher. Firefighters should wear PPE and SCBA with full facepiece operated in positive pressure mode.

NFPA CODE

H-1
F-3
R-0

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Restrict unprotected personnel from the area. Remove all ignition sources and ventilate area. Absorb with sand or vermiculite and place in a sealed and suitable 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. Store in a cool, dry place. 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 shoes. 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). Exposure guidelines: PEL 100 ppm (OSHA)

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Clear, colorless liquid with a banana-like odor.

Boiling point: 148 °C

Solubility: Water soluble (1.6%).

Specific gravity: 0.88

Formula: CH₃CO₂(CH₂)₄CH₃

Vapor density: 4.5

Formula weight: 130.21

Vapor pressure: 4 mm

SECTION 10 — STABILITY AND REACTIVITY

Avoid contact with strong oxidizers and bases.

Shelf life: Good, if stored properly.

SECTION 11 — TOXICOLOGICAL INFORMATION

Acute effects: Irritant.

ORL-RAT LD₅₀: 6500 mg/kg

Chronic effects: N.A.

IHL-RAT LC₅₀: N.A.

Target organs: Central nervous system.

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

Flinn Suggested Disposal Method #18b is one option.

SECTION 14 — TRANSPORT INFORMATION

Shipping name: Amyl acetates

Hazard class: 3, Flammable Liquid

UN number: UN1104

N/A = Not applicable

SECTION 15 — REGULATORY INFORMATION

TSCA-listed, EINECS-listed (211-047-3), RCRA code D001.

SECTION 16 — OTHER INFORMATION

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