

FLINN SCIENTIFIC, INC.

Material Safety Data Sheet (MSDS)

MSDS #: 6.50

Revision Date: March 29, 2013

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Acetaminophen

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

Acetaminophen

Synonym: 4-Acetamidophenol, H-Acetaminophen, N-Acetyl-4-aminophenol

CAS#: 103-90-2

SECTION 3 — HAZARDS IDENTIFICATION

White powder. Odorless.

Harmful by ingestion. Irritating to skin, eyes, and mucous membranes. Possible Sensitizer.

Not sold for human consumption. Store in a locked poison cabinet.

FLINN AT-A-GLANCE

Health-1

Flammability-0

Reactivity-0

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: Rinse mouth. Give large quantities of water for dilution. Induce vomiting. Call a physician or poison control at once.

SECTION 5 — FIRE FIGHTING MEASURES

Nonflammable, combustible solid.

When heated to decomposition, emits carbon monoxide, carbon dioxide, and nitrogen oxides.

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

None

established

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Restrict unprotected personnel from the area. Ventilate area. Avoid creating dust. Wipe up the spill with a damp towel. Place in a sealed bag or container, and dispose. Wash spill site after material pickup is complete. See Sections 8 and 13 for further information.

SECTION 7 — HANDLING AND STORAGE

Flinn suggested chemical storage pattern: Organic #2. Store with alcohols, glycols, amines, and amides.

Store in a cool, dry place. Store in a locked poison cabinet.

SECTION 8 — EXPOSURE CONTROLS, PERSONAL PROTECTION

Avoid contact with eyes, skin, and clothing. Wear chemical splash goggles, chemical-resistant gloves, and a chemical-resistant apron. Use ventilation to keep airborne concentrations low. 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).

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

White powder. Odorless.

Solubility: Soluble in many organic solvents, not in water.

Formula: $\text{CH}_3\text{CONHC}_6\text{H}_4\text{OH}$

Formula weight: 151.16

Melting point: 169-172 °C

Density: 1.293 g/cm³

SECTION 10 — STABILITY AND REACTIVITY

Avoid contact with strong oxidizers, strong acids, and strong bases.

Shelf life: Indefinite, if stored properly.

SECTION 11 — TOXICOLOGICAL INFORMATION

Acute effects: Irritant, possible sensitizer. Harmful if swallowed.

Chronic effects: Systemic changes to liver and urogenital system.

Target organs: Liver, kidneys.

ORL-RAT LD₅₀: 1944 mg/kgIHL-RAT LC₅₀: 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

Toxic to aquatic life.

Toxicity to fish: Fathead minnow LC₅₀: 814 mg/L (96h)

SECTION 13 — DISPOSAL CONSIDERATIONS

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

Flinn Suggested Disposal Method #20 is one option.

SECTION 14 — TRANSPORT INFORMATION

Shipping name: Not regulated.

Hazard class: N/A

UN number: N/A

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.**