

Acetaminophen Safety Data Sheet (SDS)

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Acetaminophen

Signal Word
WARNING

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

Chemtree Emergency Phone Number: (800) 424-9343

Pictograms

SECTION 2 — HAZARDS IDENTIFICATION

Hazard class: Acute toxicity, oral (Category 4). Harmful if swallowed (H302). Do not eat, drink or smoke when using this product (P270).



Hazard class: Skin and serious eye damage, corrosion or irritation (Category 2, 2A). Causes skin and serious eye irritation (H315+H319).

Hazard class: Specific target organ toxicity, single exposure; respiratory tract irritation (Category 3). May cause respiratory irritation (H335).

Product should be treated as a chemical and is not for consumption as it has been stored with other nonfood-grade chemicals. Store in a locked poison cabinet.

SECTION 3 — COMPOSITION, INFORMATION ON INGREDIENTS

Component Name	CAS Number	Formula	Formula Weight	Concentration
Acetaminophen	103-90-2	CH ₃ CONHC ₆ H ₄ OH	151.16	
Synonyms: Paracetamol; 4-Acetamidophenol; N-(4-hydroxyphenyl)acetamide				

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 (P302+P352). **If skin irritation occurs:** Get medical advice or attention (P332+P313). **If swallowed:** Rinse mouth. **Call a POISON CENTER or physician if you feel unwell (P302+P301+P312).**

SECTION 5 — FIRE FIGHTING MEASURES

Nonflammable, combustible solid.

When heated to decomposition, may emit toxic fumes.

NFPA Code
None established

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

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Ventilate area. 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.

Keep container tightly closed (P233). Store in a locked poison cabinet. Use only in a hood or well-ventilated area (P271).

SECTION 8 — EXPOSURE CONTROLS, PERSONAL PROTECTION

Wear protective gloves, protective clothing, and eye protection (P280). Wash hands thoroughly after handling (P264). Use only in a hood or well-ventilated area (P271).

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

White powder. Odorless.

Melting point: 169-172 °C

Soluble: Many organic solvents. Insoluble in water.

Specific gravity: 1.293

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: Skin, eye, and respiratory tract irritant, possible sensitizer. Harmful if swallowed.

ORL-RAT LD₅₀: 1944 mg/kg

IHL-RAT LC₅₀: N.A.

Chronic effects: Systemic changes to liver and urogenital system.

SKN-RBT LD₅₀: N.A.

Target organs: Liver, kidneys.

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 #26a is one option. Mix with coffee grounds or kitty litter before disposal.

SECTION 14 — TRANSPORT INFORMATION

Shipping name: Not regulated. Hazard class: N/A. UN number: N/A.

SECTION 15 — REGULATORY INFORMATION

TSCA-listed.

SECTION 16 — OTHER INFORMATION

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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.

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