



American International Chemical, Inc.

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MATERIAL SAFETY DATA SHEET

ACETAMINOPHEN USP

SECTION 1 - CHEMICAL PRODUCT AND COMPANY INFORMATION

American International Chemical, Inc. 135 Newbury Street Framingham, MA 01701	Emergency Number: Chemtrec Information Number:	800-424-9300 703-527-3887 800-238-0001
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Date: August 2007

Synonyms: Paracetamol, Acetamide, N- (4-hydroxyphenyl)

CAS #: 103-90-2

DOT Hazard Class: Not Regulated

SECTION 2 - COMPOSITION AND INFORMATION ON INGREDIENTS

Acetaminophen Assay: 99.0% - 101.0%

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: A white powder that presents little or no health hazard and no unusual hazard if involved in a fire.

ADVERSE EFFECTS: Possible allergic reaction if inhaled, ingested or in contact with skin.

POTENTIAL HEALTH EFFECTS:

Acute: Possible eye, skin, gastrointestinal and/or respiratory irritation.

Chronic: Possible hyper sensitization

Skin: May cause skin irritation.

Eyes: May cause irritation or burning.

Inhalation: May cause irritation to the respiratory tract.

Ingestion: Not a hazard with normal industrial usage. May cause irritation and toxicity. Flush out mouth with water. This material is readily absorbed from the gastrointestinal tract.

CARCINOGENICITY: Not Identifiable

MEDICAL CONDITIONS:

Aggravated by exposure: Hypersensitivity to material, active alcoholism, liver disease, viral hepatitis, and impaired kidney function.

Cross Sensitivity: Rarely, persons sensitive to prinin may be sensitive to this material as well

SECTION 4 - FIRST AID MEASURES

Skin: Immediately wash skin with soap and water for at least 15 minutes.

Eyes: Immediately flush with plenty of water for at least 15 minutes, holding eyelids apart.

Inhalation: Remove to the fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

Ingestion: Wash out mouth with water.

On All Of The Above: Consult a physician if symptoms persist.

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point: Non Combustible

Flammable Limits: Non Combustible

Extinguishing Media: Water spray, dry chemical, carbon dioxide or foam as appropriate for surrounding fire and materials.

Special Fire Fighting Procedures:

Use fire-fighting procedure that is appropriate to treat surrounding fire. All firefighters should use self-contained breathing apparatus and full fire-fighting turnout gear.

Unusual Fire Explosion Hazard: During a fire, irritating and highly toxic gasses may be generated by thermal decomposition or combustion.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Isolate hazard area and deny entry to unnecessary or unprotected personnel.

Contain spill, sweep up, collect and place in a disposal container. Avoid runoff into storm sewers and ditches, which lead to waterways.

SECTION 7 – HANDLING, STORAGE, SPILL, AND DISPOSAL

Handling: As a general rule, when handling this material, avoid all contact and inhalation of dust, mists, and/or vapors associated with the material. Wash thoroughly after handling.

Storage: Store in tight, light-resistant container as defined in the USP/NF. This material should be handled and stored per label instructions to ensure product integrity.

Spill Response: Wear approved respiratory protection, chemically compatible gloves and protective clothing. Wipe up spillage or collect spillage using high efficiency vacuum cleaner. Avoid breathing dust. Place spillage in appropriately labeled container for disposal. Wash spill site.

Disposal: Dispose of waste in accordance with all applicable local laws.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

RESPIRATORY PROTECTION: Use NIOSH/MSHA approved respirators.

VENTILATION REQUIREMENTS: Ventilate as necessary to eliminate dust from the work area and maintain concentrations below the limit.

SKIN AND EYE PROTECTION: Use rubber or neoprene gloves, chemical goggles and clothing sufficient to protect skin and eyes from dust.

WORK, HYGIENIC PRACTICES:

As required to protect skin and eyes from dust, safety showers and/or eyewash should be available. Do not leave food or smoke in work area. Wash thoroughly and remove or clean any contaminated clothing.

EXPOSURE LIMITS: None Established

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: Not Applicable

Vapor Pressure (MM Hg): Not Applicable

Vapor Density (AIR=1): Not Applicable

Specific Gravity (H₂O=1): 1.293

Percent Volatile by Volume (%): Not Applicable

Melting Point: 169–171° C

Evaporation Rate (Butyl Acetate=1): Not Applicable

Solubility in Water: Soluble in hot water

PH: Not Applicable

SECTION 10 - STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable under normal temperatures and pressures.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: When heated to decomposition material emits toxic fumes. Emits toxic fumes under fire conditions.

KEEP AWAY FROM: Avoid exposure to excess light and heat

SECTION 11 - TOXICOLOGICAL INFORMATION

Oral Rat: LD50: 1944mg/Kg

Oral Mouse: LD50: 338mg/Kg

Irritancy Data: Nothing Found

Target Organ (s): Liver

Listed as Carcinogen: NTP: No LARC: No OSHA: No

Other: This material is not classified as to its carcinogenicity in humans. NTP

Carcinogenesis Studies (feed): Equivocal Evidence (female rat); No Evidence (male rat)

SECTION 12 - ECOLOGICAL INFORMATION

Not Available

SECTION 13 - DISPOSAL CONSIDERATIONS

Dispose of in accordance with all federal, state and local regulations.

RCRA WASTE #: Not Listed

SECTION 14 - TRANSPORTATION INFORMATION

D.O.T. SHIPPING NAME Acetaminophen USP

SECTION 15 - REGULATORY INFORMATION

OSHA STATUS: Not listed

TSCA STATUS: Listed

CERCLA REPORTABLE REQUIREMENTS: (RQ) None

SARA TITLE III INFORMATION:

Section 302 Extremely Hazardous Substance Not listed

Section 313 Toxic Chemicals: Not listed

Section 311/312 Hazard Category: Not considered a hazard.

SECTION 16 - OTHER INFORMATION

Reason for Issue: Changed Date

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