

Acetaminophen-D4 (Major): sc-217563



MATERIAL SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: Acetaminophen-D4 (Major)
Catalog Code: sc-217563
Supplier: Santa Cruz Biotechnology, Inc.
2145 Delaware Avenue
Santa Cruz, CA 95060
800.457.3801 or 831.457.3800
Emergency: ChemWatch
Within the US & Canada: 877-715-9305
Outside the US & Canada: +800 2436 2255 (1-800-CHEMCALL) or call +613 9573 3112

SECTION 2: CHEMICAL INFORMATION

Chemical Name: N-(4-HYDROXYPHENYL)ACETAMIDE
CAS No.: 64315-36-2
Synonyms: 4-Hydroxyacetanilide; 4-Acetamidophenol; Acetaminophen
Molecular Weight: 155.19
Molecular Formula: C₈H₉D₄NO₂

SECTION 3: HAZARDS IDENTIFICATION

Known Hazards: IRRITANT

SECTION 4: FIRST AID MEASURES

Skin Contact: Wash with water.
Ingestion: Medical assistance for gastric lavage.
Inhalation: Remove to fresh air, artificial respiration or oxygen if necessary.

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing Media: Carbon dioxide, dry chemical powder, foam.
Special Fire Fighting Equipment: Wear a self-contained breathing apparatus and protective clothing.
Unusual Fire and Explosion Hazards: Toxic NO_x fumes on decomposition.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear self-contained breathing apparatus, rubber boots and heavy rubber gloves.
Spill Clean-up Methods: Provide adequate ventilation. Carefully scoop up and transfer to a closed container.

SECTION 7: HANDLING AND STORAGE

Usage/Handling Precautions: Good fume hood
Storage Conditions: Store at room temperature in a cool, dry place. Adequate ventilation. Protect from moisture.

SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

Respiratory Protection: Self-contained breathing apparatus or chemical cartridge.
Hand Protection: Chemical-resistant gloves, solvent-resistant gloves.
Eye Protection: Wear safety goggles.
Other Protective Equipment: Protective clothing.
Other Protective Measures: Provide safety showers and eyewash station near workplace.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Solid

Density (g/cm³): 1.29

Volatiles (%): < 1

Flash Point (°C):

Autoignition Temperature (°C): Not available.

Melting Point (°C): 169–71

Water Solubility (%): < 0.1

SECTION 10: STABILITY AND REACTIVITY

Stability: Incompatibility (Materials to Avoid): Hazardous Decomposition Products:

Stable. Oxidizing/reducing agents. CO/CO₂ and NO_x on combustion.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute and Chronic Health Hazards

Oral LD₅₀: 338 mg/kg (mouse); 2404 mg/kg (rat)

IPR LD₅₀: 367 mg/kg (mouse)

TLV: None verified.

Effects of Overexposure: CNS effects (analgesic). Irritant. Possible toxin. Possible carcinogen. Liver damage.

SECTION 12: ECOLOGICAL INFORMATION

Data not yet available.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal Procedures: Via licensed disposal company. Dispose of according to federal and local regulations.

SECTION 14: TRANSPORT INFORMATION

Non-hazardous for transport.

SECTION 15: REGULATORY INFORMATION

TLV: None verified.

SECTION 16: OTHER INFORMATION

The above information is believed to be correct but does not purport to be complete and should be used only as a guide. The burden of safe use of this material rests entirely with the user.

4/22/2013