

Carbendazim-d4: sc-207402



The Power to Question

MATERIAL SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: Carbendazim-d4
Catalog Code: sc-207402
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 (UNLABELLED)

Chemical Name: CARBENDAZIM
Formula: C₉H₅D₄N₃O₂
Weight: 195.21
CAS No.: 10605-21-7
Synonyms: Methyl 2-benzimidazolecarbamate; 2-(Methoxycarbonylamino)benzimidazole

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, water.
Special Fire Fighting Equipment: Wear a self-contained breathing apparatus and protective clothing.
Unusual Fire and Explosion Hazards: Toxic NO_x 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: Fumehood
Storage Conditions: Store at room temperature. Adequate ventilation.

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: White solid

Melting Point (°C): 302–307

Water Solubility (%): 0.008

Flash Point (°C): Not available

Autoignition Temperature (°C): Not available

Volatiles (%): < 0.1

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable.

Incompatibility (Materials to Avoid): Strong oxidizing/reducing agents. Strong acids. Strong bases.

Hazardous Decomposition Products: CO/CO₂ and NO_x on combustion.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute and Chronic Health Hazards

TLV: None verified

Effects of Overexposure: Irritant (eyes, respiratory, skin).

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

Shipping: Product is not dangerous and classed 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.

06/15/2011