

5-Methyl Uridine-d4: sc-217214



The Power to Question

MATERIAL SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: 5-Methyl Uridine-d4

Catalog Code: sc-217214

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: 5-METHYLURIDINE

CAS No.: 1463-10-1

Synonyms: Ribothymidine

SECTION 3: HAZARDS IDENTIFICATION

Known Hazards: POSSIBLE 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: KEEP REFRIGERATED. 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): 183–184 **Volatiles (%):** < 0.1

Water Solubility (%): < 0.1

Flash Point (°C): Not available

Autoignition Temperature (°C): Not available

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable.

Incompatibility (Materials to Avoid): Oxidizing/reducing agents.

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: Possible 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

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.

03/24/2011