

Dinactin: sc-202141



MATERIAL SAFETY DATA SHEET

SECTION 1. Product & Company Identification

Product Name: Dinactin
Catalog Number: sc-202141
CAS Number: 20261-85-2
Formula: C₄₂H₆₈O₁₂
Synonyms: Antibiotic AKD 1C; Antibiotic S 3466A;
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. Health Hazard Data

Acute Health Effects: The toxicological properties of this compound have not been fully investigated. Exercise appropriate precautions to prevent opportunities for inhalation and to prevent direct contact with skin and eyes. All uncharacterized chemicals should be treated as suspected toxins.

Chronic Health Effects: Unknown

SECTION 3. First Aid Measures

Eye Contact: Check for and remove contact lenses. Flush eyes with running water for at least 15 minutes separating eyelids. Seek medical attention immediately

Skin Contact: Wash with water for 15 minutes. Remove contaminated clothing and shoes. Seek medical attention immediately.

Inhalation: Remove from exposure. If breathing is difficult, administer oxygen. If breathing stops, administer artificial respiration. Seek medical attention immediately. Provide chemical label and MSDS if possible.

Ingestion: Remove dentures and clear mouth. If person is conscious, rinse mouth with water. Call physician or poison control immediately. Provide chemical label and MSDS information if possible.

SECTION 4. Fire and Explosion Data

Flammability: Not Available

Flash Point: Not Available

Combustion Products: Unknown

Extinguishing Media: Carbon Dioxide, Dry chemical powder, polymer foam, water spray

Special Firefighting Procedures: Use self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Unusual Fire/Explosion Hazards: May emit toxic gases upon thermal decomposition.

SECTION 5. Spill or Leak Procedures

Cleanup Procedures: EVACUATE AREA Wearing appropriate protective gear as outlined under "Protective equipment" sweep up spill and place in sealed container and hold for disposal. Avoid raising dust. Ventilate the area and wash spill site after material has been removed.

Waste Disposal Method: Observe all Federal, State and Local regulations concerning the disposal of this product

SECTION 6. Storage and Handling Precautions

Protective Equipment: For spill clean up, wear suitable protective clothing, chemical resistant rubber gloves, rubber boots, and chemical safety goggles. Self contained breathing apparatus or NIOSH/MSHA approved respirator is recommended.

Storage and Handling: This product should be stored at 4° C and protected from light. It should be kept in a tightly closed container. This product should be handled only by qualified experienced professionals. Wash thoroughly after handling this material

SECTION 7. Physical Data

Appearance Colourless Film

Boiling Point Not Available

Vapor Density Not Available

Vapor Pressure Not Available

Solubility Ethyl acetate or DMSO

Molecular Weight 765.0

Melting Point Not Available

Specific Gravity Not Available

Volatility Not Available

SECTION 8. Stability and Reactivity Data

Stability: This material is stable if stored as directed.

Conditions to Avoid: None known

Incompatibles: Not available

SECTION 9. Toxicity Data

RTECS#: Not Available

SECTION 10. Ecological Data

Ecotoxicological Information: None Available

SECTION 11. 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.

8/10/2011