Kijanimicin: sc-202198

MATERIAL SAFETY DATA SHEET

SECTION 1. Chemical Identification

Name
Kijanimicin

Synonym
Antibiotic Sch 25663

CAS Number
78798-08-0

Catalog Number
sc-202198

Chemical Formula
C_{67}H_{109}NO_{24}

Company
Santa Cruz Biotechnology, Inc.
2145 Delaware Avenue
Santa Cruz, California 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 –20°C. 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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>White solid</td>
</tr>
<tr>
<td>Molecular Weight</td>
<td>1317.5</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>Not Available</td>
</tr>
<tr>
<td>Melting Point</td>
<td>Not Available</td>
</tr>
<tr>
<td>Solubility</td>
<td>Soluble in ethanol, methanol, DMF or DMSO. Limited water solubility</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Not Available</td>
</tr>
<tr>
<td>Specific Gravity</td>
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<tr>
<td>Vapor Pressure</td>
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</tr>
<tr>
<td>Volatility</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

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.

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.

6/23/2010