

Developmental Therapeutics Program, National Cancer Institute
Executive Plaza North, Room 831
6130 Executive Blvd., Rockville, MD 20852

NSC: 655649
CAS: 119673-08-4

Supplier MSDS N

Create Date: 6/28/95 7:46:48 AM
Last Revised: 11/18/97 1:59:54 PM

1. Company Identification

In Case of Emergency Call:
Decontamination Procedures
Material Safety Data Sheets
Toxicity Data
Additional Information

Pharmaceutical Resources Branch,(301)-496-8780
Drug Synthesis and Chemistry Branch,(301)-496-8795
Toxicology Branch,(301)-496-8777

2. Chemical Product and Composition

Chemical Name **5H-INDOLO[2,3-A]PYRROLO[3,4-C]CARBAZOLE-5,7(6H)-DIONE, 1,11-D-BETA-D-GLUCOPYRANOSYL)- (9CI)**
Common Name **REBECCAMYCIN ANALOG**
Synonyms
Molecular Weight **470**
Molecular Formula **C33H34Cl2N4O7**
Composition **This material consists solely of REBECCAMYCIN ANALOG**
Additional Information

3. Hazards Identification

RTECS Index
Summary of Risks **To the best of our knowledge, the toxicological properties of this material have not yet been fully investigated.**

Known Carcinogen **This compound is not listed in the OSHA, IARC or NTP literature as a carcinogen or cancer suspect agent.**

Medical Conditions Aggravated by Contact **Unknown**

Target Organs **The target organs of toxicity are not known at this time.**

Relevant Routes of Entry **Inhalation, ingestion, and skin/eye contact.**

Acute Effects **The acute effects of exposure to this material in the workplace are not known at this time.**

Chronic Effects **The chronic effects of exposure to this material in the workplace are not known at this time.**

Eye Contact **The effects of eye contact with this material are unknown.**

Skin Contact **The effects of skin contact with this material are unknown.**

Inhalation **The effects of inhalation of this material are unknown.**

Ingestion **The effects of ingestion of this material are unknown.**

Known Hazards

Additional Information

4. First Aid Measures

10-Feb-00 11:06

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- Eye Contact** Flush with running water for at least 15 minutes. Assure adequate flushing by separating eyelids with fingers. Consult an ophthalmologist immediately.
- Skin Contact** Remove contaminated clothing. Flush exposed area with running water for at least 15 minutes. Wash skin with plenty of soap and water. Consult a physician. Chemically decontaminate clothing and laundry before reuse.
- Inhalation** Remove victim promptly to fresh air. Administer artificial respiration if victim is not breathing. If breathing is difficult give oxygen. Consult a physician.
- Ingestion** If person is conscious wash out mouth with water to remove residual compound. Consult a physician immediately.
- Additional** Provide supportive treatment. No specific antidote exists.

5. Fire Fighting Measures

LEL Unknown

Flash Point Unknown

UEL Unknown

Auto Ignition Temp Unknown

- Extinguishing Media** Water, carbon dioxide, or dry chemical as appropriate to the surrounding fire.
- Explosion Hazard** Explosive characteristics of this material are not known to have been investigated.
- Special Procedures** Evacuate personnel to a safe area. Fire fighters should use protective clothing and a self-contained breathing apparatus. Follow DOT emergency guide number 53 for solids (or 55 for liquids)(1991 Emergency Response Guidebook, DOT P 5800.5).
- Hazardous Combustion Byproducts** Thermal decomposition may produce toxic by-products or fumes such as carbon monoxide and carbon dioxide and nitrogen oxides. Since specific products of combustion are unknown, as a precaution, assume they are hazardous.

Additional Information

6. Accidental Release Measures

Evacuate the area. Wear a respirator (or if properly trained, a self-contained breathing apparatus), rubber boots, and heavy rubber gloves. Wear disposable coveralls and discard after use. Avoid raising aerosols by promptly covering the spilled compound with wet paper towels. Pick up material with additional towels, place in a bag or barrel, and hold for waste disposal. After compound pick-up is complete, ventilate area and wash spill site. Dispose of contaminated clean-up materials properly.

7. Handling and Storage

- Special Handling** This material is an investigational substance. Hazards associated with exposure to this material are unknown. Handling of solids or solutions should be carried out with extreme care to avoid personal exposure. This material should be handled only by those trained in the handling of potentially hazardous material.
- Special Storage**
- Additional Information** Store over dry inert atmosphere (GAS) Refrigerate (RFG) between 2 and 6 degrees Celsius

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8. Exposure Controls and Personal Protection

Goggles Wear chemical safety goggles when handling this material.
Gloves Wear rubber or latex gloves (not polyvinylchloride) when handling this material. Laboratory coat or apron and sleeves are also recommended.
Respirator Wear a NIOSH-MSHA approved respirator. Supplied-air packs could alternatively be used by personnel trained in the use of this equipment.
Safety Station Safety shower and eye wash should be accessible.
Apparel Wear a protective laboratory coat or a Tyvek suit with shoe covers during bulk operations.
Ventilation Operations should be conducted in a chemical fume hood, glove box, or ventilated cabinet equipped with mechanical exhaust to the outside. General room ventilation should meet good laboratory design standards.
Additional Info The personal protective equipment listed above should be worn when handling this material. Consider engineering and operational controls to minimize exposure potential.

9. Physical and Chemical Properties

Characteristics Unknown
Additional Information

10. Stability and Reactivity

Chemical Stability This material is stable under most conditions. Hazardous polymerization is not known to occur.
Chemical Incompatibility No unusual chemical incompatibilities are known to exist.
Conditions to Avoid No conditions contributing to instability are known to exist.
Hazardous Decomposition Byproducts Since products of decomposition are not known, as a precaution, assume they are hazardous.
Additional Information Unknown

11. Toxicological Information

Toxicological properties of this compound have not yet been fully investigated.

12. Ecological Information

The ecological impact of this material is not yet known.

13. Disposal Considerations

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Disposal Observe all Federal, state, and local laws concerning the disposal of hazardous material or waste.

EPA Hazardous Waste Number

14. Transportation Information

Shipping of samples of this material should adhere to current regulations.

No transportation regulations found.

15. Regulatory Information

All Federal, state, and local regulations should be observed.

16. Other Information

Disclaimer

The information in this document was compiled primarily from secondary sources. The information is believed to be correct and accurate, but no independent verification has been performed. No warranty is expressed or implied with respect to the information contained herein.