



NFPA	HMIS	PPE	Transport Symbol						
	<table border="1"> <tr> <td>Health Hazard</td> <td align="center">2*</td> </tr> <tr> <td>Fire Hazard</td> <td align="center">0</td> </tr> <tr> <td>Reactivity</td> <td align="center">0</td> </tr> </table>	Health Hazard	2*	Fire Hazard	0	Reactivity	0		
Health Hazard	2*								
Fire Hazard	0								
Reactivity	0								

\*Indicates a chronic health hazard.

Issuing Date 06-Jun-2007

Revision Date

Revision Number 0

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** Sterile Vancomycin Hydrochloride, USP, 500 mg/Vial and 1 g/Vial

**Product Code(s)**  
**10139-500-10** - 500 mg/Vial, 10 mL Vial  
**10139-500-11** - 500 mg/Vial, Shelf Pack, (10 mL Vials x 10)  
**10139-501-20** - 1 g/Vial, 20 mL Vial  
**10139-501-12** - 1 g/Vial, Shelf Pack, (20 mL Vials x 10)

**Recommended Use** Antibacterial

**Supplier Address**  
 GeneraMedix Inc.  
 150 Allen Road  
 Liberty Corner, New Jersey 07938 USA  
 TEL: 908-504-1300

**Chemical Emergency Phone Number** Chemtrec 1-800-424-9300

## 2. HAZARDS IDENTIFICATION

### WARNING!

#### Emergency Overview

May be harmful if swallowed, inhaled, or absorbed through skin.  
 May cause sensitization by skin contact.  
 May cause adverse kidney effects.  
 May cause adverse cardiovascular effects.

**Appearance** White to off-white

**Physical State** Solid, Powder

**Odor** Odorless

**Potential Health Effects**

**Principle Routes of Exposure** Skin contact, Ingestion.

**Acute Toxicity**

**Eyes** May cause irritation.

**Skin** May be harmful in contact with skin. May cause sensitization by skin contact.

**Inhalation** May be harmful if inhaled. Inhalation of dust in high concentration may cause irritation of respiratory system. May cause pulmonary edema. May cause additional effects as listed under "Ingestion".

**Ingestion** May be harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. May cause adverse cardiac effects. May cause adverse kidney effects.

**Chronic Effects**

Repeated or prolonged exposure to vancomycin may result in hearing loss. Symptoms may be delayed.

**Aggravated Medical Conditions**

Skin disorders, Allergies, Cardiovascular, Kidney disorders, Hearing disorders.

**Environmental Hazard**

See Section 12 for additional Ecological information.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS-No	Weight %
Vancomycin Hydrochloride	1404-93-9	100

**4. FIRST AID MEASURES**

**General Advice**

Immediate medical attention is required.

**Eye Contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician immediately.

**Skin Contact**

Call a physician immediately. Wash off immediately with soap and plenty of water for at least 15 minutes while removing all contaminated clothing and shoes.

**Inhalation**

Call a physician or Poison Control Center immediately. Move to fresh air. If breathing is difficult, give oxygen. If breathing is irregular or stopped, administer artificial respiration. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation.

**Ingestion**

Call a physician or Poison Control Center immediately. Do not induce vomiting. Never give anything by mouth to an unconscious person.

**Notes to Physician**

May cause sensitization by inhalation and skin contact. May cause decreases in blood pressure and other cardiac effects. Symptoms may be delayed.

**Protection of First-aiders**

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

## 5. FIRE-FIGHTING MEASURES

<b>Flammable Properties</b>	Not flammable.
<b>Flash Point</b>	N/A
<b>Suitable Extinguishing Media</b>	Water spray, Dry chemical, Foam, Carbon dioxide (CO <sub>2</sub> ).

### Explosion Data

<b>Sensitivity to mechanical impact</b>	No data available.
<b>Sensitivity to static discharge</b>	Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

### **Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

<b><u>NFPA</u></b>	<b>Health Hazard 2</b>	<b>Flammability 0</b>	<b>Stability 0</b>	<b>Physical and Chemical Hazards N/A</b>
<b><u>HMIS</u></b>	<b>Health Hazard 2*</b>	<b>Flammability 0</b>	<b>Stability 0</b>	<b>Personal Precautions B</b>

\*Indicates a chronic health hazard.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Use personal protective equipment. Ensure adequate ventilation. Avoid dust formation. Avoid contact with skin, eyes and clothing.
<b>Methods for Containment</b>	Prevent further leakage or spillage if safe to do so. Prevent dust cloud.
<b>Methods for Cleaning Up</b>	Use personal protective equipment. Avoid dust formation. Sweep up and shovel into suitable containers for disposal.

## 7. HANDLING AND STORAGE

<b>Handling</b>	Wear personal protective equipment. Avoid dust formation. Avoid contact with skin, eyes and clothing.
<b>Storage</b>	Store at controlled room temperature 15° - 30°C (59° - 86° F).

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Exposure Guidelines</b>	This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
<b>Engineering Measures</b>	Showers, eyewash stations and ventilation systems.

**Personal Protective Equipment**

**Eye/Face Protection**  
**Skin and Body protection**  
**Respiratory Protection**

Safety glasses with side-shields.  
 Protective gloves. Lightweight protective clothing.  
 If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**Hygiene Measures**

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product. Remove and wash contaminated clothing before re-use.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance</b>	White to off-white	<b>Odor</b>	Odorless
<b>Odor Threshold</b>	No data available	<b>Physical State</b>	Solid, Powder
<b>pH</b>	2.5-4.5		
<b>Flash Point</b>	N/A	<b>Autoignition Temperature</b>	N/A
<b>Decomposition Temperature</b>	No data available.	<b>Boiling Point/Range</b>	No data available.
<b>Melting Point/Range</b>	No data available.		
<b>Flammability Limits in Air</b>	N/A	<b>Explosion Limits</b>	No data available.
<b>Specific Gravity</b>	No data available.	<b>Water Solubility</b>	Soluble in water.
<b>Solubility</b>	No data available.	<b>Evaporation Rate</b>	N/A
<b>Vapor Pressure</b>	N/A	<b>Vapor Density</b>	N/A
<b>VOC Content</b>	N/A	<b>Partition Coefficient (n-octanol/water)</b>	N/A

**10. STABILITY AND REACTIVITY**

<b>Stability</b>	Stable under recommended storage conditions.
<b>Conditions to Avoid</b>	Exposure to air or moisture over prolonged periods.
<b>Incompatible Products</b>	Strong oxidizing agents.
<b>Hazardous Decomposition Products</b>	Hydrogen chloride gas, nitrogen oxides (NOx), carbon monoxide (CO), carbon dioxide (CO <sub>2</sub> ).
<b>Hazardous Polymerization</b>	Hazardous polymerization does not occur.

## 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

#### Product Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 IV
Vancomycin Hydrochloride	10 g/kg (rat)	N/A	400 mg/kg (mouse)

### Chronic Toxicity

<b>Chronic Toxicity</b>	Repeated or prolonged exposure to vancomycin may result in hearing loss. Symptoms may be delayed.
<b>Carcinogenicity</b>	There are no known carcinogenic chemicals in this product.
<b>Sensitization</b>	May cause sensitization by skin contact.
<b>Mutagenic Effects</b>	None known.
<b>Reproductive Toxicity</b>	This product does not contain any known or suspected reproductive hazards.
<b>Target Organ Effects</b>	Skin, cardiovascular system, kidney, ears.
<b>Endocrine Disruptor Information</b>	This product does not contain any known or suspected endocrine disruptors.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

The environmental impact of this product has not been fully investigated.

## 13. DISPOSAL CONSIDERATIONS

<b>Waste Disposal Method</b>	This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.
<b>Contaminated Packaging</b>	Dispose of in accordance with local regulations.

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14. TRANSPORT INFORMATION

<u>DOT</u>	Not regulated.
<u>TDG</u>	Not regulated.
<u>MEX</u>	Not regulated.
<u>ICAO</u>	Not regulated.
<u>IATA</u>	Not regulated.
<u>IMDG/IMO</u>	Not regulated.
<u>RID</u>	Not regulated.
<u>ADR</u>	Not regulated.
<u>ADN</u>	Not regulated.

15. REGULATORY INFORMATION

**International Inventories**

TSCA	Exempt.
DSL	Does not Comply.
EINECS/ELINCS	Does not Comply.
ENCS	Does not Comply.
CHINA	Does not Comply.
KECL	Complies.
PICCS	Complies.
AICS	Does not Comply.

**U.S. Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 Hazard Categories**

Acute Health Hazard	Yes
Chronic Health Hazard	Yes
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

**Clean Water Act**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**U.S. State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

This product does not contain any substances regulated by state right-to-know regulations.

**International Regulations**

**Canada**

This product is regulated by the Food and Drug Administration of Health Canada and is therefore exempt from the requirements of CEPA.

**WHMIS Hazard Class**

Not regulated under CEPA.

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16. OTHER INFORMATION

Issuing Date 06-Jun-2007

Revision Date

Revision Note No data available.

**Disclaimer**

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**End of MSDS**