

# MATERIAL SAFETY DATA SHEET

## BLENOXANE/BLEOMYCIN SULFATE

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### Product/Chemical Name: BLENOXANE/BLEOMYCIN SULFATE

**Formula:** Mixture of  $C_{55}H_{81}O_{21}N_{16}S_2$  and  $C_{55}H_{81}O_{19}N_{21}$

**Physical Description:** Colorless to yellowish powder (may turn blue)  
Very soluble in water

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**Special Hazards:** Cytotoxic agent. Avoid contact with skin and eyes

**Unusual Fire/Explosion Hazards:** None (Material is in glass vials which are not likely to burn).

**Reactivity:** Stable when stored in original container, drug is stable to the expiration date on the label of product.

**Hazardous Decomposition Products:** None known, but assume a carcinogenic potential.

### Spill or Leak Procedures

**Action:** Wipe liquids with absorbent gauze pads. Wipe solids with wet absorbent gauze. Clean using bleach (preferred) or detergent and water.

**Disposal Method:** To be performed in compliance with all current local, state and federal regulations.

**Threshold Limit Value:** oral-rat: LD 50 > 200 mg/kg

**Overexposure Effects:** NA

**Potential Carcinogen:** No carcinogenicity studies have been completed. Mutagenic potential has been documented in animals.

### First Aid Procedures

**Skin: Toxic:** Absorbed through skin, with significant degree of absorption in workers with open or inflamed skin surfaces. Wash with soap and large amounts of water until no evidence of chemical remains (approx. 15-20 minutes). Seek medical attention.

**Eyes:** Check for and remove any contact lenses. Flush eyes immediately with large amounts of water, occasionally lifting upper and lower lids until no evidence of chemical remains (approx. 15-20 minutes). Get medical attention immediately.

**Ingestion: Cytotoxic agent.** Check for and remove any dentures. Important dose-dependent effects following injection include lung and skin/mucous membrane changes. Non-dose dependent effects following injection include fever, chills, hypotension and wheezing.

**Inhalation:** Remove exposed person to fresh air. If not breathing give CPR. Seek medical attention.

**Storage Recommendations:** SHOULD BE STORED UNDER REFRIGERATION (2-8°C.)

### Special Protection Information

Biological safety cabinet for preparation, safety glasses and protective gloves recommended.

### Special Handling Precautions

Wash thoroughly after use. Avoid inhalation and skin contact, do not get in eyes.