

## **MATERIAL SAFETY DATA SHEET**

### **Section 1: Identification of the substances/mixtures and of the company/undertaking**

#### **A Product information-**

**Product Name: Polymyxin-B (Pb) 300 units**

**Product Code No.:BD062**

**REACH registration no.-** This product is a mixture. REACH registration no.is not available for this product

#### **B. Relevant identified uses of the substance/mixture and uses advised against-**

Relevant identified uses- For Institutional/Industrial and laboratory and research use. For *in-vitro* diagnosis. Not for medicinal /Drug use

#### **C. Manufacturer's Name:**

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### **Section 2: Composition/Information on Ingredients**

**Polymyxin-B (Pb) 300 units**      **CAS no-** 1405-20-5

### **Section 3: Health Hazards Identification**

Refer Section 2 and 15.

### **Section 4: First Aid Measures**

**General Information:** Symptoms of poisoning May even occur after several hours; therefore provide medical observations for at least 48 hours after the accident.

**Ingestion:** If swallowed, seek medical attention if symptoms occur. Show physician product label or MSDS.

**Inhalation:** If inhaled, supply fresh air or oxygen. Seek medical attention if breathing becomes labored or difficult

**Eye Contact:** Rinse opened eye for at least 15 minutes under running water, lifting lower and up eyelids occasionally. Seek medical attention.

**Skin Contact:** Remove contaminated clothing. Immediately wash with plenty of soap and water for at least 15 minutes. Wash clothing before reuse. Seek medical attention if irritation develops.

### **Section 5: Fire Fighting Measures**

Use Carbon dioxide, ABC multipurpose dry chemical, or water spray. Fight larger fires with water spray or alcohol resistant foam. Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

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### **Section 6: Accidental Release Measures**

**Personal Precautions:** Wear suitable protective clothing. Remove contaminated exhaustion at the workplace.

**Environmental Precautions:** Prevent dispersion of material. Wipe up with damp sponge or mop.

**Clean-up Methods:** Avoid prolonged or repeated exposure. Absorb material, ventilate area, and wash spill site after material has been cleaned up. Avoid inhalation, contact with eyes and skin. Prevent formation of dust.

### **Section 7: Handling and Storage**

**Handling:** Refer to Section 8

**Storage:** Store at -20°C to + 8°C

### **Section 8: Exposure Controls/ Personal Protection**

Wear appropriate NIOSH/MSHA-approved respirator, chemical-resistant gloves, safety goggles, other protective clothing. Mechanical exhaust required.

### **Section 9: Physical and Chemical Properties**

**Appearance:** Disc of 6mm diameter, with abbreviated name "PB"

**Colour:** White

### **Section 10: Stability and Reactivity**

**Stability:** Stable under recommended storage and handling conditions

**Conditions to avoid:** Exposure to heat and light.

Hazardous polymerization will not occur.

### **Section 11: Toxicological Information**

**LD/LC50 values that are relevant:** N/A

**Carcinogenicity:** Not listed.

### **Section 12: Ecological Information**

**Ecotoxicity Tests:**Data not available

### **Section 13: Disposal Considerations**

No special disposal method required except that it be in accordance with current and local authority Regulation

### **Section 14: Transport Information**

#### **14.1 UN number**

ADR/RID: - IMDG: - IATA: -

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### **14.2 UN proper shipping name**

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

### **14.3 Transport hazard class(es)**

ADR/RID: - IMDG: - IATA: -

### **14.4 Packaging group**

ADR/RID: - IMDG: - IATA: -

### **14.5 Environmental hazards**

ADR/RID: no IMDG Marine pollutant: no IATA: no

### **14.6 Special precautions for user-no**

#### **Further information**

Not classified as dangerous in the meaning of transport regulations.

## **Section 15: Regulatory Information**

### **Risk Phrases:**

R 22, Harmful if swallowed.

### **Safety Phrases:**

S 22, Do not breathe dust

S 24/25, Avoid contact with skin and eyes

## **Section 16: Other Information**

Information contained herein is believed to be accurate and is offered in good faith for the user's consideration and investigation. No warranty is expressed or implied regarding the completeness or accuracy of this information. Users of this material should satisfy themselves by independent investigation of current scientific or medical information that this material may be safely handled.