

Section 6 – Accidental Release Measures

Personal precautions: Wear protective equipment. Keep unprotected persons away. Avoid dust formation.

Method for cleaning up: Absorb on sand or vermiculite and place in closed containers for disposal. Dispose contaminated material as waste according to section 13. Ventilate area and wash spill site after material clean-up is complete.

Section 7– Handling and Storage

Handling: Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure.

User Exposure: Avoid inhalation. Use personal protective equipment (i.e. impermeable gloves, lab coat or apron).

Storage: Keep tightly closed. Store at 4°C.

Section 8 – Exposure Controls / PPE

Engineering Measures: Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Hand: Protective gloves to prevent skin contact. **Eye:** Chemical safety goggles

General Hygiene Measures: Wash hands thoroughly after handling.

Section 9 – Physical / Chemical Properties

Appearance: White to yellow color

Physical State: Solid

Solubility in Water: Soluble (50 mg/ml)

Section 10 – Stability and Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur

Materials to avoid: Strong oxidizing agents

Hazardous Decomposition Products: Decomposition products are not hazardous.

Section 11 – Toxicological Information

Acute toxicity:

LD50 Oral: 790 mg/kg mouse

LD50 Intraperitoneal: 20.5 mg/kg mouse

LD50 Intravenous: 5.4 mg/kg mouse

LD50 Dermal: N/A

LD50 Inhalation: N/A

Primary irritant effect: N/A

Sensitization: N/A

Target Organ: N/A

Additional toxicological information: RTECS: TR1150000

Section 12 – Ecological Information

Ecotoxicity: Data not yet available.

Mobility: Data not yet available.

Biodegradation: Data not yet available.

Bioaccumulation: Data not yet available.

Section 13 – Disposal Considerations

Product: Observe all federal, state and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material. Must not be disposed of together with household garbage.

Contaminated Packaging: Dispose of as unused product.

Section 14 – Transport Information

DOT (US): Not dangerous goods.

IATA: Not dangerous goods.

IMDG: Not dangerous goods.

Section 15 – Regulatory Information

OSHA HAZARDS (US): Harmful by ingestion.

DSL Status: This product contains the following components that are not on the Canadian DSL nor NDSL lists.

Polymyxin B sulfate CAS no.: 1405-20-5

SARA 302 Component: None of the ingredients are listed.

SARA 313 Component: None of the ingredients are listed.

SARA 311/312 Hazards: Acute health hazard.

U.S. State Regulations

| Chemical Name | Massachusetts RTK | New Jersey RTK | Pennsylvania RTK |
|---------------------|-------------------|----------------|------------------|
| Polymyxin B sulfate | - | X | X |

California Proposition 65: This product does not contain chemicals listed under Proposition 65.

Labeling and risk phrase according to EU Directives

Hazard symbol: Xn Harmful

R22: Harmful if swallowed

Section 16 – Other Information

Disclaimer: All InvivoGen products are supplied for research and laboratory use only. Not for drug, household or other uses.

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