

Safety Data Sheet

Emergency: CHEMTREC: 800 424 9300 or 703 527 3887 Updated: Jul2015
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Section 1. Product Identification

Trade Name: Everguard™ PL
INCI Name: Polylysine
CAS Number: 25104-18-1

Section 2. Hazard Identification

Classification according to Regulation (EC) No 1272/2008:
The product is not classified as dangerous according to Regulation (EC) No. 1272/2008.
Other hazards which do not result in classification:
Acute Eyes: May cause eye irritation.
Acute Skin: May cause skin irritation.
Acute Inhalation: Inhalation unlikely, unless mists are generated. May cause irritation if inhaled.
Acute Ingestion: Not a hazard with normal industrial usage.
Chronic Effects: This product does not contain any ingredient designated by IARC, NTP, ACGIH or OSHA as probable or suspected human carcinogens.

Section 3. Composition/ Information on Ingredients

INCI Name	CAS No.	EC No.	Percentage (%)	Classification
Polylysine	25104-18-1	N/A	> 94.0	N/E
Water	7732-18-5	231-791-2	< 6.0	N/E

Section 4. First Aid Measures

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes. Seek medical attention.
Skin Contact: Immediately flush the contaminated skin with plenty of water. If irritation occurs, seek medical attention.
Inhalation: Remove to fresh air. Seek medical attention.
Ingestion: Immediately rinse out the mouth with water.

Section 5. Fire Fighting Measure

Flammable Properties: Not flammable.
Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or appropriate foam.
Instructions: KEEP PERSONNEL REMOVED FROM AND UPWIND OF FIRE. WEAR FULL FIREFIGHTING TURN-OUT GEAR(FULL BUNKER GEAR) AND RESPIRATORY PROTECTION (SELF-CONTAINED BREATHING APPARATUS).COOL CONTAINER WITH WATER SPRAY.

Section 6. Accidental Release Measures

Initial Containment: Isolate hazard area and deny entry to unnecessary or unprotected personnel.
Spill Clean up: Contain spill, sweep up, collect and place in a disposal container. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete. Prevent any material from entering drains or waterways.

Section 7. Handling and Storage

Handling: Wear appropriate protective clothing and chemical safety gloves. Avoid breathing dust. Avoid contact with eyes and skin. Mechanical exhaust required.

Storage: Keep container tightly closed. Store in a dry, cool and ventilated place. Keep away from ignition sources, heat and flame.

Section 8. Exposure Control / Personal Protection.

Engineering Controls: Ventilate as necessary to eliminate dust from the work area and maintain concentrations below the limit. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Eye Protection: Wear appropriate protective eyeglasses.

Skin Protection: Use rubber or neoprene gloves and clothing sufficient to protect skin from dust.

Respiratory Protection: Use NIOSH/MSHA approved respirators.

General: No specific protections are needed.

Section 9. Physical and Chemical Properties

Appearance(25°C): White to pale yellow powder

pH (25°C, 1% Solution): 4.0-7.0

Water Solubility: Soluble

Melting Point Range: N/A

Boiling Point Range: N/A

Vapor Pressure (mmHg): N/A

Vapor Density: N/A

Lower explosion limit: N/A

Upper explosion limit: N/A

Evaporation rate: N/A

Section 10. Stability and Reactivity

Stability: Stable under handling and storage conditions.

Incompatibility with Other Materials: Oxidizing agents; water(this material is hygroscopic).

Hazardous Decomposition Products: Carbon monoxide, oxides of nitrogen, carbon dioxide.

Hazardous Polymerization: Will not occur under normal conditions.

Section 11. Toxicological Information

This product does not contain any ingredient designated by IARC, NTP, ACGIH or OSHA as probable or suspected human carcinogens.

Section 12. Ecological information

Ecotoxicological Information: No data found for product.

Chemical Fate Information: This product is readily biodegradable in water.

Section 13. Disposal Considerations

Waste Disposal Methods:
Dispose of in a manner in accordance with federal, state, and local regulations.

Section 14. Transport Information

Shipping Name: Not regulated
