

MSDS

Material Safety Data Sheet
November 7, 2007

Section 01: Chemical Product Identification

Domestic Trade Name: MetaGuard(TM)
Export Trade Name: MetaGuard(TM)
Chemical Type: Water Soluble Polymer

Section 02: Information on Hazardous Ingredients

No Hazardous Ingredients

Section 03: Hazards Identification

Health Hazards:

Primary Route of Exposure: Skin contact, eye contact, and inhalation
Inhalation: Exposure to dust may cause irritation to the mucous membranes and respiratory system
Skin Contact: Exposure to skin can cause irritation
Eye contact: Material can cause irritation to eyes
Ingestion: Material is not harmful if accidentally ingested

Medical Conditions Aggravated by Exposure: None known

Section 04: First Aid Measures

First Aid For Ingestion: If swallowed give 2 glasses of water to drink. Seek medical attention immediately.
Never give anything by mouth to an unconscious person.
First Aid Inhalation: Remove to Fresh Air. In case of shortness of breath call a physician immediately.
First Aid Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes. Seek medical attention immediately.
First Aid Skin Contact: Wash exposed area with soap and water immediately. Remove and wash contaminated clothing.

Section 05: Fire Fighting Measures

Autoignition Temp: N/A
Flammable Limits: LEL (Lower Explosive Limits) 25,000 MG/M3
Fire Fighting Media: Use Media Appropriate to Primary Cause of Fire
Special Fire Fighting Procedures: None Known
Fire/Explosion Hazards: Under Dust Loading Conditions in Excess of 25,000 MG/M3, an Explosion Hazard.
NFPA Hazard Codes - Health/Flammability/Reactivity; 0,0,0
HMIS Hazard Codes - Health/Flammability/Reactivity; 0,0,0

Section 06: Accidental Release Measures

Spill/Leak Clean-Up Procedures:

Land Spill: Wearing recommended protective clothing and equipment, dike spill with soil, sand, or compatible commercial absorbent. Remove remaining powder or liquid with a pump, vacuum truck, or absorb liquid in sand or commercial absorbent. Place waste in approved containers for disposal. Dispose waste according to Federal, State, and local regulations.

Water Spill: Wear protective clothing and equipment. Stop flow. Dike contaminated water and remove for disposal and/or treatment. Notify proper authorities and all downstream users if possible. Dispose of with Solid Waste according to Federal, State, and Local Regulations.

***CAUTION:** Floor will be Slippery

Personal protection:

Wear a NIOSH approved (or equivalent) respirator (with an organic/acid gas cartridge and a dust filter) during spill clean up and deactivation of the material. Protective clothing including chemical splash goggles, Latex, nitrile, or buytl rubber full-length gloves, rubber apron made of nitrile or buytl rubber, and rubber overshoes must be worn during spill clean-ups and deactivation of material. If this material comes into contact with the skin during clean-up operations, immediately remove all contaminated clothing and wash exposed skin areas with soap and water. See section 4, First Aid Measures, for further information.

Section 07: Handling and Storage

Precautionary Measures: Avoid Breathing Dust. Under Dust Loading Conditions in Excess of 25,000 MG/M3, May Present an Explosion Hazard. See Section 8, Exposure Control/Personal Protection, prior to handling.

Storage Conditions:

The maximum storage temperature for this material is 55°C/131°F. The minimum storage temperature for this material is 0°C/32°F. Store in a well ventilated area. Do not store this material in containers made of steel.

Section 08: Exposure Control/Personal Protection

Ventilation: Use with Normal Adequate Ventilation
Respiratory Protection: Dust Masks Where Dusting cannot be Avoided
Eye Protection: Safety Glasses
Skin Protection: None Required
Personal Hygiene: Observe Ordinary Measures of Personal Hygiene

Section 09: Physical and Chemical Properties

Boiling Point: N/A
Vapor Pressure: Not Volatile
Vapor Density: Not Volatile
Water Solubility: Complete
Melting/Freezing Point: N/A
Appearance: White Powder
Specific Gravity: N/A
Percentage Volatile: 5.00% Water - Max
Evaporation Rate: Not Volatile
pH of Solution: 6.0 - 7.0 (5% Solution)
Odor: None

Section 10: Stability and Reactivity

Stability: Stable
Hazardous Polymerization: Will not Occur
Conditions to Avoid: None Known
Incompatible Materials: Strong Oxidizing or Reducing Agents
Hazardous Decomposition Products: None Known

Section 11: Transport Information

SARA Section 313 Notification (40CFR 372)

This Product Does Not Contain Toxic Chemicals Subject to the Reporting Requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

Domestic Data

All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substance Control Act (TSCA) Chemical Substance Inventory.

DOT Shipping Name: Not Regulated

DOT Hazard Class: Not Regulated

Export Data

Export Shipping Name: Not Regulated

Export Hazard Class: Not Regulated

Hazardous Ingredients: None

UN Number: None

Section 12: Ecological Information

Environmental Toxicity:

Acute Fish 96 Hr LC50, Flathead minnow: 750 mg/L, NOEC/LOEC 500/1000

Acute Daphnia 48 Hr EC50: 743 mg/L, NOEC/LOEC 500/1000

Acute Purple sea urchin 40min. IC25 mg/L: >10, NOEC/LOEC 10/>10

Section 13: Disposal

Incinerate liquid and contaminated solids in accordance with Federal, State, and local regulations and permits.

Section 14: Transport Information

Domestic Data

Dot Shipping Name: Not Regulated

Dot Hazard Class: Not Regulated

Hazardous Ingredients: None

Export Data

Export Shipping Name: Not Regulated

Export Hazard Class: Not Regulated

Hazardous Ingredients: None

UN Number: None

Section 15: Regulatory Information

SARA Section 313 Notification (40CFR 372)

This Product Does Not Contain Toxic Chemicals Subject to the Reporting Requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substance Control Act (TSCA) Chemical Substance Inventory.

Section 16: Other Information

HMIS Hazard Codes – Health/Flammability/Reactivity; 0,0,0

NFPA Hazard Codes - Health/Flammability/Reactivity; 0,0,0

**For Chemical Emergency
Spill Leak Fire Exposure or Accident
Call CHEMTREC Day or Night**

**DOMESTIC NORTH AMERICA 800-424-9300
INTERNATIONAL, CALL 703-527-3887 (collect calls accepted)**

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