



# MSDS

Material Safety Data Sheet  
November 7, 2007

## **Section 01: Chemical Product Identification**

Domestic Trade Name: OptiClean A™  
Export Trade Name: OptiClean A™

## **Section 02: Information on Hazardous Ingredients**

Non DOT Regulated Ingredients:  
FDA grade weak organic acids and polyelectrolytes

## **Section 03: Hazards Identification:**

### ***Health Hazards:***

Primary Route of Exposure: Skin contact, eye contact, and inhalation  
Inhalation: Exposure to spray 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: General Precautionary Measures Suggest Inducing Vomiting Immediately by Giving Two Full Glasses of Water and Sticking Finger Down Throat. Never Give Anything by Mouth to an Unconscious Person. Call a Physician.  
First Aid Inhalation: None Required  
First Aid Eye Contact: For all Foreign Materials; Immediately Flush Eyes with Plenty of Water  
First Aid Skin Contact: For all Foreign Materials; Wash After Exposure

## **Section 05: Fire Fighting Measures**

Autoignition Temp: N/A  
Flammable Limits: LEL (Lower Explosive Limits) N/A  
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/M<sup>3</sup>, May Present an Explosion Hazard  
NFPA Hazard Codes - Health/Flammability/Reactivity; 1,0,0  
HMIS Hazard Codes - Health/Flammability/Reactivity; 1,0,0

## **Section 06: Accidental Release Measures**

*Spill/Leak Clean-Up Procedures:* Scoop Up. Avoid Dusting. Dispose of with Solid Waste According to Federal, State, and Local Regulations. Flush Spill with Water.

**\*CAUTION:** Floor may be Slippery

*Personal protection:*

Wear protective clothing during spill clean up and deactivation of the material. Protective clothing including chemical splash goggles, Latex, nitrile, or butyl rubber full-length gloves, rubber apron made of nitrile or butyl 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 Spray. 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 local exhaust ventilation at the point of dust or mist evolution

Respiratory Protection: Dust masks where spraying cannot be avoided

Eye Protection: Safety glasses, splash goggles, and/or face shields (ANSI Z87.1 or approved equivalent).

Skin Protection: Use latex, neoprene, or rubber gloves, boots, and apron. Remove gloves after use. Wash hands with soap and water.

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: 1.00% Water - Max

Evaporation Rate: Not Volatile

pH of Solution: 3-7 (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: Toxicological Information**

#### *Acute Toxicity:*

Mutagenicity: No data  
Oral Toxicity: No data  
Dermal Toxicity: Not absorbed topically  
Inhalation Toxicity: No data  
Skin Irritation: No data  
Sensitizer: Not a sensitizer

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

#### *Environmental Toxicity:*

No data

### **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; 1,0,0  
NFPA Hazard Codes - Health/Flammability/Reactivity; 1,0,0

**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)**