

# MSDS Material Safety Data Sheet

**PROFILE Products, LLC**



BioPrime™

MSDS Number: LIM003

Revision Date: 3/14/08

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## 1 PRODUCT AND COMPANY IDENTIFICATION

### Manufacturer

PROFILE Products, LLC  
750 LAKE COOK ROAD  
SUITE 440  
BUFFALO GROVE, IL 60089

### Contact:

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**Product Name:** BioPrime™  
**Revision Date:** 3/14/08  
**MSDS Number:** LIM003  
**Common Name:** N.A.  
**Product Use:** Erosion control mulch additive for hydraulic seeding

Description: Proprietary blend of natural sources, fertilizers and plant microbes.

## 2 HAZARDS IDENTIFICATION

### Route of Entry:

### Target Organs:

**Inhalation:** Lungs

**Skin Contact:** No

**Eye Contact:**

**Ingestion:** No

NFPA-ratings (scale 0-4): Health = 0, Fire = 0, Reactivity = 0

Crystalline Silica (Quartz) [EPA Hazard Category: Health]

Carcinogen: OSHA - No NTP - Yes (respirable) IARC - Yes

This product contains up to 5% crystalline silica. The International Agency for Research on Cancer (IARC) has stated that there is sufficient evidence of carcinogenicity of crystalline silica to human beings. It was noted that carcinogenicity was not detected in all industrial circumstances studied. The NTP's Sixth Annual Report on Carcinogens include respirable crystalline silica. The Hazard Communication Standard (29CFR 1910.1200) requires that any material containing over 0.1% of a substance reported as a carcinogen in an IARC monograph or the most recent NTP Annual Report on Carcinogens must be identified as a carcinogen. These identifications are for hazard communications only and do not serve as assessments of carcinogenic risk. Crystalline silica is known to cause silicosis. At dust levels below the recommended PEL exposure to the crystalline silica contained in this product should not present a health hazard.

## 3 COMPOSITION/INFORMATION ON INGREDIENTS

### Ingredients:

Cas #	Perc.	Chemical Name
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14808607 50000	1.5-2.5%   <.05%	silica, crystalline quartz   Formaldehyde
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### 4 FIRST AID MEASURES

**Inhalation:** Usually not a problem. Remove to fresh air if respiratory irritation develops, and get medical aid promptly if irritation persists.

**Skin Contact:** Wash thoroughly with soap and water.

**Eye Contact:** Flush thoroughly with water. See a physician if discomfort persists.

**Ingestion:**

### 5 FIRE FIGHTING MEASURES

Non-flammable and non-hazardous

### 6 ACCIDENTAL RELEASE MEASURES

Steps to be taken in case material is released or spilled: If uncontaminated, sweep up or collect, and reuse as product. If contaminated with other materials, collect in suitable containers.

### 7 HANDLING AND STORAGE

**Handling Precautions:** Steps to be taken in case material is released or spilled: If uncontaminated, sweep up or collect, and reuse as product. If contaminated with other materials, collect in suitable containers. Minimize blowdown or other practices that generate high airborne dust concentrations.

**Storage Requirements:** Do not store near vegetable oil or turpentine. Store in a cool, dry place.

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** None required for outdoor mixing and application. Use dust collection system for indoor handling operations.

**Protective Equipment:**

Respiratory Protection: If dust concentrations exceed recommended Permissible Exposure Limits, use NIOSH- approved dust respirators, with approval TC-21C-xxx, until feasible engineering controls are completed.

Ventilation: Local exhaust or other ventilation that will reduce dust concentrations to less than Permissible Exposure Limits is recommended.

Eye Protection: If high dust concentrations exist, tight-fitting goggles are recommended to reduce dust exposure to the eyes.

Other Protective Equipment: Optional.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Grayish white powdery mixture	<b>Boiling Point:</b>	
<b>Physical State:</b>	Powder	<b>Freezing/Melting Pt.:</b>	N.A.
<b>Odor:</b>	earthy	<b>Solubility:</b>	Negligible
<b>pH:</b>		<b>Spec Grav./Density:</b>	
<b>Vapor Pressure:</b>	N.A.		
<b>Vapor Density:</b>			

## 10 STABILITY AND REACTIVITY

<b>Stability:</b>	Product is stable under all normal conditions.
<b>Conditions to avoid:</b>	Contact with strong acids and oxidizers may generate heat.
<b>Materials to avoid (incompatibility):</b>	Strong acids and oxidizers
<b>Hazardous Decomposition products:</b>	
<b>Hazardous Polymerization:</b>	Will not occur.

## 11 TOXICOLOGICAL INFORMATION

Inhalation- N.E.  
Intravenous- Rat - LD50:15mg/kg  
Oral - Rat - LD50:3160 mg/kg

## 12 ECOLOGICAL INFORMATION

## 13 DISPOSAL CONSIDERATIONS

Can be disposed of in an approved disposal facility, in accordance with applicable federal, state, and local regulations. The nature and extent of contamination, if any, may require use of specialized disposal methods.

## 14 TRANSPORT INFORMATION

DOT Class: Not regulated #



## 15 REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

\*silica, crystalline quartz (14808607 1.5-2.5%) MASS, NRC, OSHAWAC, PA, TXAIR

\*Formaldehyde (50000 <.05%) CERCLA, CSWHS, EHS302, EPCRAWPC, HAP, MASS, NJEHS, NJHS, NRC, OSHAHTS, OSHAPSM, PA, PROP65, SARA313, TOXICRCRA, TXAIR, TXHWL

REGULATORY KEY DESCRIPTIONS

MASS = MA Massachusetts Hazardous Substances List  
NRC = Nationally Recognized Carcinogens  
OSHAWAC = OSHA Workplace Air Contaminants  
PA = PA Right-To-Know List of Hazardous Substances  
TXAIR = TX Air Contaminants with Health Effects Screening Level

CERCLA = Superfund clean up substance  
CSWHS = Clean water Act Hazardous substances  
EHS302 = Extremely Hazardous Substance  
EPCRAWPC = EPCRA water Priority Chemicals  
HAP = Hazardous Air Pollutants  
NJEHS = NJ Extraordinarily Hazardous Substances  
NJHS = NJ Right-to-Know Hazardous Substances  
OSHAHTS = OSHA Hazardous and Toxic Substances  
OSHAPSM = OSHA Chemicals Requiring process safety management  
PROP65 = CA Prop 65  
SARA313 = SARA 313 Title III Toxic Chemicals  
TOXICRCRA = RCRA Toxic Hazardous Wastes (U-List)  
TXHWL = TX Hazardous Waste List

## 16 OTHER INFORMATION

END OF MSDS DOCUMENT