



SDS

GHS Safety Data Sheet

PROFILE Products, LLC

BioPrime™

MSDS Number: LIM003

Revision Date: 1/1/14

Page 1 of 4

1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

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

Phone: (847) 215-1144
Fax: (847) 215-0577
Email: profileproducts.com
Web: www.profileproducts.com

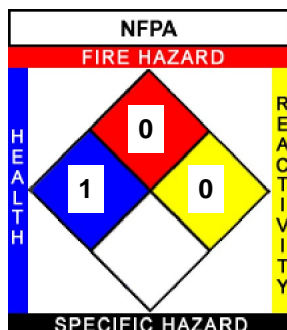
Product Name: BioPrime™
Revision Date: 1/1/14
MSDS Number: LIM003
Common Name: N.A.
Product Use: Erosion control mulch additive for hydraulic seeding

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

2 HAZARDS IDENTIFICATION

Inhalation: Lungs
Skin Contact: No
Ingestion: No

NFPA: Health = 1, 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%



SDS

GHS Safety Data Sheet

PROFILE Products, LLC

BioPrime™

MSDS Number: LIM003

Revision Date: 1/1/14

Page 2 of 4

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
14808607	1.5-2.5%	silica, crystalline quartz

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.

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.



SDS

GHS Safety Data Sheet

PROFILE Products, LLC

BioPrime™

MSDS Number: LIM003

Revision Date: 1/1/14

Page 3 of 4

8

EXPOSURE CONTROLS/PERSONAL PROTECTION

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

Personal Protective Equip: 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

Appearance:	Grayish white powdery mixture	Odor:	earthy
Physical State:	Powder	Solubility:	Negligible
Vapor Pressure:	N.A.	Freezing/Melting Pt.:	N.A.

10

STABILITY AND REACTIVITY

Stability: Product is stable under all normal conditions.

Conditions to Avoid: Contact with strong acids and oxidizers may generate heat.

Materials to Avoid: Strong acids and oxidizers

Hazardous Polymerization: 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.



SDS

GHS Safety Data Sheet

PROFILE Products, LLC

BioPrime™

MSDS Number: LIM003

Revision Date: 1/1/14

Page 4 of 4

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

REGULATORY KEY DESCRIPTIONS

MASS = MA Massachusetts Hazardous Substances List
NRC = Nationally Recognized Carcinogens
OSHA WAC = 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
CSWS = 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
----	--------------------------