

Material Safety Data Sheet

I. PRODUCT IDENTIFICATION

TRADE NAME: Bio-Genesis™ Mineral Matrix
TELEPHONE NO.: (800) 669-2113
MANUFACTURER'S NAME: Green Air Products, Inc.
ADDRESS: PO Box 1318
Boring, OR 97030

COMPOSITION: Potassium-Magnesium Sulfate, Sodium Borate, Copper Sulfate, Ferrous Sulfate, Manganese Sulfate, Sodium Molybdate, Zinc Sulfate, Citric Acid as the chelating agent.

II. HAZARDOUS INGREDIENTS

MATERIAL	%	EXPOSURE LIMITS IN AIR				SARA 313	CERCLA RQ
		CAS	ACGIH TLV	OSHA PEL			
Copper sulfate (as Cu)	0.05%	7758-98-7	1.0 mg/m ³	1.0 mg/m ³	Yes	10 lbs.	
Ferrous sulfate (as Fe)	2.00%	7782-63-0	none	1.0 mg/m ³	No	1000 lbs.	
Manganese Sulfate (as Mn)	2.00%	7785-87-7	none	5 mg/m ³	No	none	
Sodium molybdate (as Mo)	0.0005%	7439-98-7	5 mg/m ³	5 mg/m ³	Yes	none	
Zinc sulfate (as Zn)	3.00%	7733-02-0	none	none	No	1000 lbs.	

III. PHYSICAL DATA

BOILING POINT, 760 MM HG:	100°C	MELTING POINT:	n/a
SPECIFIC GRAVITY (H ₂ O=1):	1.30 ± 0.03	VAPOR PRESSURE:	Not known
VAPOR DENSITY (AIR=1):	Not known	SOLUBILITY IN H ₂ O:	Approx. 95% By Wt.
pH:	2.19 ± 0.2	EVAPORATION RATE (BUTYLACETATE=1):	n/a
% VOLATILES BY VOL:	Not known	APPEARANCE AND ODOR:	Brown, viscous liquid with pleasant odor

IV. FIRE AND EXPLOSION DATA

FLASH POINT:	n/a	AUTOIGNITION TEMPERATURE:	n/a
TEST METHOD:	n/a	FLAMMABLE LIMITS IN AIR, % BY VOL	
EXTINGUISHING MEDIA:	n/a	LOWER:	n/a
SPECIAL FIRE FIGHTING PROCEDURES:	n/a	UPPER:	n/a
		UNUSUAL FIRE AND EXPLOSION HAZARD:	n/a

V. HEALTH HAZARD INFORMATION

SYMPTOMS OF OVEREXPOSURE

INHALATION: None expected.
SKIN ABSORPTION: None expected.
INGESTION: None expected.

SKIN CONTACT: None expected.
EYE CONTACT: May cause slight irritation.

EFFECTS OF OVEREXPOSURE

ACUTE OVEREXPOSURE: Expected toxicity hazard is slight to none.
CHRONIC OVEREXPOSURE: Expected toxicity hazard is none.

EMERGENCY AND FIRST AID PROCEDURES

EYES: Flush with water.
INHALATION: No treatment necessary.

SKIN: Wash with water.
INGESTION: Dilute with water and milk of magnesia. Contact a physician.

V. HEALTH HAZARD INFORMATION cont.

SUSPECTED CANCER AGENT

NO: This product's ingredients are found in the lists checked below.
 YES: Federal OSHA NTP IARC Cal/OSHA

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known.

NOTES TO PHYSICIAN: Ingestion of product may result in iron toxicity. Treat symptoms as indicated.

VI. REACTIVITY DATA

STABILITY: stable unstable

INCOMPATIBILITY (materials to avoid): n/a

HAZARDOUS DECOMPOSITION/COMBUSTION PRODUCTS: n/a

HAZARDOUS POLYMERIZATION: n/a

VII. SPILL, LEAK AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Wash with water.

NEUTRALIZING CHEMICALS: n/a

WASTE DISPOSAL METHOD: Follow all applicable Federal, State and local regulations.

VIII. SPECIAL PROTECTION INFORMATION

VENTILATION REQUIREMENTS: None

SPECIFIC PERSONAL PROTECTIVE EQUIPMENT

EYES: Wear safety glasses or goggles

RESPIRATORY: Not required.

GLOVES: Not required.

OTHER EQUIPMENT: Not required.

IX. SPECIAL PRECAUTIONS

PRECAUTIONARY STATEMENTS: Do not ingest. Do not get in eyes.

OTHER HANDLING AND STORAGE REQUIREMENTS: Keep lid tightly closed. Store in a dry area, above freezing and below 105°F, and out of direct sunlight. Keep out of reach of children.

PREPARED BY: Green Air Products

REV. DATE: 20 May 2004

All information, recommendations and suggestions appearing herein concerning our products are based upon tests and data believed to be reliable. However, it is the user's responsibility to determine the safety, toxicity and suitability for his own use of the product described herein. Since the actual use by others is beyond our control, we make no guarantee, expressed or implied, as to the effects of such use, the results to be obtained, or the safety and toxicity of the product; nor do we assume any liability arising out of use, by others, of the product referred to herein. The information herein is not to be construed as absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations.