



MATERIAL SAFETY DATA SHEET

MADE FROM STONE™ Bioterra™-M

BIODEGRADABLE ADDITIVE

05/26 REVISION

MADE FROM STONE™ Bioterra™ - M

BIODEGRADABLE ADDITIVE

1. IDENTIFICATION OF THE PRODUCT & THE COMPANY

All non-hazardous components according to the Global Harmonized System (GHS):

Product Name	Made From Stone™ Bioterra™ Additives M
Product Code	ADD 020
Chemical Characterization	Polyethylene masterbatch additive
Supplier	Okeanos Group, LLC. 78 SW 7th Street, Suite 500, Miami, FL, 33130 US
Health Emergency	+1 786 598-7001 / Support@MadeFromStone.com
Supplier General Contact	+1 786 598-7001 / Trade@MadeFromStone.com

2. HAZARDS IDENTIFICATION

OSHA HCS (29 CFR 1910.1200)	Not classified as dangerous for supply and/or use
Hazard Symbol	None
Signal Word(s)	None
Hazard Statement(s)	None
Precautionary Statement(s)	None
Other Hazards	Not classified as PBT or vPvB

WARNING:

May form combustible dust concentrations in air. Dust clouds are explosive and product is a static accumulator. Avoid heat, sparks, open flame and earth wherever possible. For further information on this product, see technical data sheet.

3. COMPOSITION / INFORMATION OF INGREDIENTS

Not classified as dangerous for supply/use.

Hazardous Oxidant	0-8%	CAS No. -	
Non-Hazardous Ingredients	>90%	CAS No. 9002-88-4	

4. FIRST AID MEASURES

Inhalation	Move person to fresh air. If symptoms occur, obtain medical attention.
Skin Contact	When dealing with heated material: In case of burns immediately cool affected skin as long as possible with cold water. Get immediate medical attention.

Eye Contact	If substance has got into the eyes, immediately wash out with plenty of water for at least 10 minutes. If symptoms occur obtain medical attention.
Ingestion	Not normally required.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing	Preferably with foam, dry chemical or water spray / fog.
Media	Not available
Flash Point	Not available
Hazardous Combustion	Carbon-monoxide & Carbon-dioxide

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Avoid contact with skin
Environmental Precautions	Avoid run off to waterways and sewers
Containment & Cleaning Up	Sweep up spilled substance but avoid breathing dust. Transfer to a container for disposal or recovery

7. HANDLING AND STORAGE

Handling	Minimize dust generation. May form combustible dust concentration in air. Dust cloud is explosive and product is a static accumulator
Storage	Avoid heat, open flame and earth wherever possible. The storage area should also be dry and preferably doesn't exceed 35°C.
Shelflife	12 months after delivery.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Occasionally during product transfer and conveying, fine dust can be generated. Use ventilation to minimize exposure to airborne contaminates.

Eye & Face Protection	Wear protective eyewear (goggles, face shield, or safety glasses). When dealing with heated material: Wear full face shield.
Skin Protection	Impervious gloves (Nitrile rubber). Wear work clothes with long sleeves.
Respiratory Protection	No personal respiratory protective equipment normally required.
Thermal Hazards	Use gloves with insulation for thermal protection, when needed.
Engineering Controls	Local exhaust recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Solid pellet
Color	Light traslucent yellow
Odor	Sweet
Odor Threshold (ppm)	Not available
pH (Value)	Not applicable
Melting & Freezing Point (°C)	80 / - 110
Boiling Point (°C)	342
Flash Point (°C)	Not available
Evaporation Rate	Not available
Flammability (Solid, Gas)	Non-flammable
Explosive Limit Ranges	Not available
Vapour Pressure (Pascal)	Not available
Vapour Density (Air = 1)	Not available
Density (g/ml)	<1
Solubility (Water)	Insoluble
Solubility (Other)	Not available
Partition Coefficient (n-Octanol/Water)	Not available
Auto Ignition Temperature (°C)	342
Decomposition Temperature (°C)	Not available
Viscosity (mPa.s) @ 22°C	Not available
Explosive Properties	Not explosive
Oxidising Properties	Not oxidising

10. STABILITY AND REACTIVITY

Chemical Stability	Stable
Reactivity	Stable under normal conditions.
Hazard Decomposition	None known
Hazrdous Reactions	None anticipated
Incompatible Materials	Oxidising agents

11. TOXICOLOGICAL INFORMATION

Exposure Notes	Inhalation, skin contact, eye contact
Reactivity	Stable under normal conditions
Toxicological Effects	Not available
Substances	Not available

Mixture

Acute Toxicity	Not available
Skin Corrosion / Irritation	Not available
Serious Eye Damage / Irritation	Not available
Respiratory or Skin Sensitization	Not available
Germ Cell Mutagenicity	Not available
Carcinogenicity	Not available
Reproductive Toxicity	Not available
STOT - Repeated Exposure	Not available
STOT - Repeated Exposure	Not applicable
Aspiration Hazard	Not applicable

Substances in Preparations / Mixtures

Acute Toxicity	No Data
Skin Corrosion / Irritation	Non-irritant
Serious Eye Damage / Irritation	Unlikely to cause eye irritation
Respiratory or Skin Sensitization	It is not a skin sensitizer
Germ Cell Mutagenicity	Negative
Carcinogenicity	Negative
Reproductive Toxicity	Negative
STOT - Repeated Exposure	Not to be expected
STOT - Repeated Exposure	Not to be expected
Aspiration Hazard	Not applicable

12. ECOLOGICAL INFORMATION

Toxicity <i>Substances in Preparation / Mixtures</i>	Acute Toxicity LC50 (24hr) >100g/l (B.rerio)
Persistence & Degradability	Not Available
Bioaccumulative Potential	Not available
Mobility in Soil	Not available
Results of PBT and vPvB Assessment	Not classified as PBT or vPvB
Hazard & Precautionary Statement(s)	None
GHS Classification	Not classified as dangerous for supply / use
Training Advice	None

13. DISPOSAL CONSIDERATION

Waste Treatment Methods	Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.
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14. TRANSPORT INFORMATION

UN Number	Not classified as dangerous for transport
Proper Shipping Name	-
Transport Hazard Class(es)	-
Packing Group	-
Environmental Hazards	-
Special Precautions for User	-
Transport in Bulk <i>According to Annex II of MARPOL 73/78 and the IBC code</i>	Not applicable

15. REGULATORY INFORMATION

Safety, health and environmental regulations / legislation specific for the substance or mixture.

TSCA (*Toxic Substance Control Act*) Inventory Status: All components listed or polymer exempt.
Designated Hazardous substances and reportable quantities (40 CFR 302.4):

Chemical Name	None
CAS No.	-
Typical %WT	-
RQ (Pounds)	-

SARA 311/312 - Hazard Categories: None

Fire Sudden Release Reactivity Immediate (Active) Chronic Delayed

SARA 313 - Toxic Chemicals (40 CFR 372):

Chemical Name	None
CAS No.	-
Typical %WT	-

SARA 302 - Extremely Hazardous Substances (40 CFR 355):

Chemical Name	None
CAS No.	-
Typical %WT	-
RQ (Pounds)	-
TPQ (Pounds)	-

Proposition 65 (California):

Chemical Name	None
CAS No.	-
Typical %WT	-
Hazards	-

16. OTHER INFORMATION

16.1. CONTACT INFORMATION

Contact your local representative, or reach us at support@madefromstone.com if you have any questions, or need additional documentation on this product, or visit okeanos.global

16.2. LEGAL STATEMENT

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This product is not intended for the use in medical applications and should not be used in any such applications

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