SAFETY DATA SHEET

EVOGEN BIO-BLOCK (All Sizes)

EVOGEN BIO-BLOCK
Revision 1
Revision Date: 28-Apr-2015

1. COMPANY AND PRODUCT IDENTIFICATION

Product Name	EVOGEN BIO-BLOCK
Description	Blue Solid
Other means of Identification	None
Recommended Use	Slow release bacterial treatment.
Uses advised against	No information available
Supplier Name	Genesis Biosciences, Inc.
Supplier Address	696 Winer Industrial Way Lawrenceville, GA 30046
Supplier Phone Number	+1 (770) 963 0959
Supplier Fax Number	+1 (770) 962 5431
Supplier Email	info@genesisbiosciences.com
Emergency Phone Number	+1 (800) 825 5810

2. HAZARDS IDENTIFICATION

Classification

This product is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Irritant / Category 2A

GHS Label Elements, including Precautionary Statements

Signal Word Warning

Hazard Statements Causes skin irritation
Causes serious eye irritation

Precautionary Statements – Prevention
Wash skin thoroughly after handling.
Contaminated work clothing should not be allowed out of the workplace.
Wear protective gloves and eye protection.

Precautionary Statements – Response
See First Aid Measures Section

Skin
IF ON SKIN: Wash with plenty of soap and water.
If skin irritation or rash occurs: Get medical advice/attention.
Wash contaminated clothing before reuse.

Precautionary Statements – Storage
None

Precautionary Statements – Disposal
Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazards not otherwise classified (HNOC)
Not applicable

Other information
Causes skin irritation
Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.

Interactions with Other Chemicals
No information available

3. COMPOSITION/INFORMATION ON INGREDIENTS

This product is a solid containing naturally-occurring viable bacterial cultures, surfactants, builders and dye.

HAZARDOUS INGREDIENTS

Name	CAS #	% BY WEIGHT	TRADE SECRET
Cocamide MEA	68140-00-1	< 39%	*
Glycerin	56-81-5	< 6%	*

*The exact percentage (concentration) of composition has been withheld as a trade secret

4. FIRST AID MEASURES

First aid measures

General Advice Show this safety data sheet to the Doctor in attendance.

Eye Contact Rinse thoroughly with plenty of water, also under eyelids. If symptoms persist, call a physician.

Skin Contact Wash with soap and water. Take off contaminated clothing. In the case of skin irritation or allergic reactions, see a physician.

Inhalation Remove to fresh air.

Ingestion Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Do not induce vomiting and seek medical attention.

Most important symptoms and effects, both acute and delayed

Skin contact may aggravate any existing skin disease.
Inhalation of product may aggravate any existing chronic respiratory problem.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media

CAUTION: Use of water spray when fighting fire may be inefficient.

Specific Hazards Arising from the Chemical

Upon combustion, toxic gases may be released.

Uniform Fire Code None.

Hazardous Combustion Products

Carbon ad Nitrogen Oxides.

Explosion Data

Sensitivity to Mechanical Impact No
Sensitivity to Static Discharge No

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus, pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Avoid contact with skin and eyes

Environmental precautions

Refer to protective measures listed in Sections 7 and 8

Methods and material for containment and cleaning up

Containment Prevent further spillage if safe to do so.
Cleaning up Pick up and transfer to properly labelled containers.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling Handle in accordance with good industrial hygiene and safety practices. Avoid contact with skin and eyes.

Conditions for safe storage, including any incompatibilities

Storage Keep container tightly closed.
Incompatible Products Strong acids and alkalis, and strong oxidizing agents may react with product and inactivate bacterial cultures.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters

Exposure Guidelines This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region-specific regulatory bodies.

Other Exposure Guidelines Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992)

Appropriate Engineering Controls

Engineering Measures Showers, Eyewash stations, Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/Face Protection	None required for consumer use. Safety glasses are recommended.
Skin and Body Protection	None required for consumer use. Repeated or prolonged contact: Wear protective gloves and protective clothing.
Respiratory Protection	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
Hygiene Measures	Handle in accordance with good industrial hygiene and safety practices. Take off contaminated clothing and wash before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical State	Solid
Appearance	Blue
Odor	Characteristic
Odor threshold	No information available

Property	
pH	None
Melting/Freezing Point	No data available
Boiling Point/ Boiling Range	No data available
Flash Point	None
Evaporation Rate	No data available
Flammability (solid, gas)	None
Upper/Lower flammability Limits	No data available
Vapor Pressure	No data available
Vapor Density	No data available
Specific Gravity	No data available
Water Solubility	Dispersible
Solubility in other solvents	No data available
Partition coefficient: n-octanol/water	No data available
Autoignition Temperature	No data available
Viscosity	No data available
VOC Content (%)	Negligible

10. STABILITY AND REACTIVTY

Reactivity

No data available.

Chemical Stability
Stable under recommended storage conditions.

Possibility of Hazardous Reactions
None under normal processing.

Hazardous Polymerization
Hazardous polymerization does not occur.

Conditions to Avoid
Do not exposed to extreme temperatures for long periods of time. Close containers when not in use.

Incompatible Materials
Strong acids and alkalis, and strong oxidizing agents may react with product and inactivate bacterial cultures.

Hazardous Decomposition Products
Carbon and Nitrogen Oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation	Specific test data for the mixture is not available.
Eye Contact	Specific test data for the mixture is not available.
Skin Contact	Specific test data for the mixture is not available.
Ingestion	Specific test data for the mixture is not available.

Component Information No information available.

Information on toxicological effects

Symptoms Skin contact may cause irritation.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization	No information available.
Mutagenic Effects	No information available.
Carcinogenicity	Contains no ingredient listed as a carcinogen.
Reproductive Toxicity	No information available.
STOT – single exposure	No information available.
STOT – repeated exposure	No information available.
Chronic Toxicity	No known effect based on available information.
Target Organ Effects	Skin.
Aspiration Hazard	No information available.

Numerical measures of Toxicity
Not applicable

12. ECOLOGICAL INFORMATION

Eco-toxicity, Persistence and Degradability, and Bioaccumulation

This product is not expected to be dangerous to the environment with respect to mobility, persistency and biodegradability, bio-accumulative potential, aquatic toxicity, and other data related to eco-toxicity.

Other adverse effects

None known.

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal Methods	This material, as supplied, is not a hazardous waste according to Federal Regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered . Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult with the appropriate State, Regional, or Local regulations for additional requirements.
Contaminated Packaging	Dispose of contents/containers in accordance with local regulations.

14. TRANSPORTATION INFORMATION

DOT	Not Regulated
Proper Shipping Name	Not Regulated
Hazard Class	N/A
TDG	Not Regulated
MEX	Not Regulated
ICAO	Not Regulated
IATA	Not Regulated
IMDG/IMO	Not Regulated
RID	Not Regulated
ADR	Not Regulated
ADN	Not Regulated

15. REGULATORY INFORMATION

International Inventories

TSCA	Complies
DSL	All components are listed on the DSL

TSCA – United States Toxic Substances Control Act – Section 8(b) Inventory
DSL – Canadian Domestic Substances List

US Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical which is subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

CWA (Clean Water Act)
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or State level pertaining to releases of this material.

US State Regulations

California Proposition 65
This product does not contain any Proposition 65 chemicals

US State Right-to-Know Regulations
This product does not contain any substances above threshold limits that are regulated by State right-to-know.

16. OTHER INFORMATION

Hazardous Material Information System (HMIS)	**HEALTH**	**1**
	FLAMMABILITY	**0**
	PHYSICAL HAZARD	**0**
	PERSONAL PROTECTION	**B**

ADDITIONAL INFORMATION

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication, however, no guarantee is made to its accuracy. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any other process.

Prepared by: MAA
Date: 28-Apr-2015
Revision: 1

END OF SDS