



1. COMPANY AND PRODUCT IDENTIFICATION

Product Name: BIO-REM E-D
Description: Off white powder with characteristic odor.
Other means of identification: None
Recommended Use: Bacterial treatment
Uses advised against: No information available
Supplier Name: Cape Cod Biochemical Company Inc
Supplier Address: P.O. Box 990, 50 Portside Dr, Pocasset MA 02559
Supplier Phone Number: (800) 343-8004
Supplier Fax Number: (508) 564-9974
Supplier Email: capebio@capecod.net
Emergency Phone Number: (800) 343-8007

2. HAZARDS IDENTIFICATION

Classification

This classification is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910-1200)

GHS Label Elements, including Precautionary Statements

Signal Word Warning
Hazard Statements May form combustible dust concentrations in air.

Precautionary Statements - Prevention

Avoid breathing dust/fume/gas/mist/vapors/spray.
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 mild 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 salt-based powder containing naturally-occurring viable bacterial cultures

HAZARDOUS INGREDIENTS

<u>Name</u>	<u>CAS#</u>	<u>%BY WEIGHT</u>
-------------	-------------	-------------------

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, call a physician.
Skin Contact Wash with soap and water. 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

Most important symptoms and effects, both acute and delayed

None

Indication of any immediate medical attention and special treatment needed

Notes of Physician None

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

None

Uniform Fire Code

None

Hazardous Combustion Products

Carbon 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 leakage or 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 de-nature stable enzymes and in activate 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 Shower, Eyewash stations, Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/Face Protection None required for consumer use. If powder generation is likely to occur, wear safety glasses and a dust mask

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 Powder

Appearance Off-white

Odor Characteristic

Odor threshold No information available

Property

pH None

Melting/Freezing Point No data available

Boiling Point. Boiling Range None

Flash Point None

Evaporation Rate No data available

Flammability (solid,gas) No data available

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 REACTIVITY

Reactivity

No data available

Chemical Stability

Stable under recommended storage conditions

Possibility of Hazardous Reactions

None under normal processing

Hazardous Polymerizations

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 de-nature stable enzymes and inactivate bacterial cultures.

Hazardous Decomposition Products

Carbon 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 None known

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

Sensitization No information available

Mutagenic Effect No information available

Carcinogenicity Contains no ingredient listed as ac 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

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
AND Not Regulated

15. REGULATORY INFORMATION

International Inventories

TSCA Complies
DSL All components are listed either on the DSL or NDSL

TSCA - United States Toxic Substances Control Act - Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-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 does not contain any chemicals which are 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) (40CFR 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 substances above threshold limits that are regulated by State right-to-know.

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

16 OTHER INFORMATION

ADDITIONAL INFORMATION

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of this 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.

Date Jan 1 2020