

SAFETY DATA SHEET

Reference: OSHA Hazard Communication Standard, 29CFR 1910.1200(g) (revised 2012)

Section 1: Identification

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|-------------------------|------------------|----------------------|---|
| Product Name: | FermeCHAR | Manufacturer: | Anaerobe Systems 15906 Concord Circle Morgan Hill, CA 95037 408-782-7557 |
| Recommended Use: | Soil amendment | | |
| Emergency Phone: | 408-591-8814 | | |

Section 2: Hazard(s) Identification

Dry product is classified as a Dangerous Good according to the criteria of NOHSC.

Classification: Class 4

Signal Word: None

Hazard Statement: No known significant effects or critical hazards.

Precautionary Statement: Read label before use. Keep out of reach of children.

Section 3: Composition / Information on Ingredients

This product contains non-hazardous pre-sterilized fermented plant materials. There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

FermiSOIL does not contain toxic chemicals in concentrations subject to the reporting requirements of OSHA or Section 313 Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

Section 4: First-Aid Measures

Skin Contact: Contact may irritate sensitive individuals if on skin for prolonged period of time. Wash the affected area with water.

Eye Contact: Immediately flush eyes with copious amounts of water for up to 15 minutes. Remove contact lenses immediately.

Inhalation: Move person to fresh air and keep at rest in a position comfortable for breathing.

Ingestion: Wash out mouth with water. If material has been swallowed, and the person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed by a medical expert.

For any condition, seek medical attention if symptoms or irritation persists.
Most important symptoms/effects, acute and delayed: No known significant effects or critical hazards.
Recommendation for immediate medical care/special treatment: Treat symptomatically

Section 5: Fire Fighting Measures

Flammability: No specific fire or explosion hazard.

Extinguishing Measures: Use media and protective equipment suitable to extinguish surrounding fire.

Hazardous Combustion Products: No specific data.

Precautions for firefighters: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Section 6: Accidental Release Measures

Precautions:

Personal: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment. (see Section 8)

Environmental: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Spills: Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor. Dispose in accordance with all local, state and federal regulations.

Section 7: Handling and Storage

Handling: Use appropriate personal protective equipment (see Section 8) when opening, mixing and distributing product. Eating, drinking, smoking and any activity that brings the hands to the face should be prohibited in areas where product is mixed, used or stored. Wash hands after use.

Storage: Store in original labeled container in a cool dry place. Do not store in direct sunlight or with food or drink. Tighten lid when not in use. Keep out of reach of children.

Section 8: Exposure Controls/Personal Protection

Exposure Limits: None.

Engineering Controls: Use under conditions of good general ventilation

Protection:

Eyes: Use eye shield/safety glasses if potential air borne hazards exist

Hands, Skin: Use gloves and protective clothing covering skin area during mixing and application.

Respiratory: Normal room or outdoor ventilation is adequate. Use a properly fitted, particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary.

Other: Do not eat, drink or use tobacco during use. Wash thoroughly after handling. If an individual risk assessment determines special sensitivities requiring individual protection measures, refer to a specialist before handling product.

Section 9: Physical and Chemical Properties

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| Appearance: | Reddish brown solid | Vapor Pressure: | Not available |
| Odor: | Earthy, minimal odor | Vapor Density: | Not available |
| pH: | Not available | Flashpoint: | Not available |
| Specific Gravity: | Not available | Evaporation Rate: | Not available |
| Solubility: | Mostly insoluble | Flammability: | Not available |
| Viscosity: | Not available | Explosive Limits: | Not available |
| Boiling Point, Range: | Not available | Auto Ignition Temp | Not available |
| Freezing Point: | Not available | Flashpoint: | Not available |
| Decomposition Temperature: | Not available | Partition coefficient: n-octanol/water | Not available |

Section 10: Stability and Reactivity

Reactivity: No specific test data related to reactivity available for this product or its ingredients.

Chemical Stability: Product is stable.

Materials to Avoid: Under normal conditions of storage and use, hazardous reactions will not occur.

Hazardous Reactions: Under normal conditions of storage and use hazardous reactions, decomposition or polymerization will not occur.

Section 11: Toxicological Information

Exposure Routes: Dermal contact. Eye contact. Inhalation. Ingestion.

Toxicity, Delayed/Acute/Chronic Exposure, Symptoms: No known significant effects or critical hazards.

Carcinogenicity: National Toxicology Program (NTP) Report on Carcinogens Not listed
 International Agency for Research on Cancer Monographs Not listed
 CA Prop 65 Chemicals Known Cancer, Reproductive Tox Not Listed

Section 12: Ecological Information

The product is expected to be safe for the environment at concentrations predicted under normal use.

Toxicity: Not available.

Persistence and degradability: No known significant effects or critical hazards.
Mobility in soil: Not available.
Other adverse effects: No known significant effects or critical hazards.

Section 13: Disposal Considerations

Consult local, state and federal regulations for acceptable disposal procedures and locations. Disposal should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be rinsed and recycled.

Section 14: Transport Information

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| Department of Transportation (DOT) | Not regulated |
| International Air Transport Association (IATA) | Not regulated |
| International Maritime Dangerous Goods (IMGD) | Not regulated |

Transport precautions for user: Transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of accidental spillage.

Section 15: Regulatory Information

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| HCS/WHMIS Classification: | Not regulated for substance levels in product |
| SARA Sections 301-304, 311-313 | Not regulated for substance levels in product |
| California Accidental Release Program | Not regulated |

Section 16: Other Information

The information contained within this Safety Data Sheet was obtained from authoritative sources/references and is believed to be accurate for the manner in which the product is intended to be used. Other uses could result in ramifications, which are not included within this document. This hazard information is not a substitute for risk assessment under actual conditions of use. Users have the responsibility to keep currently informed on chemical hazard information to design and update their own programs, and to comply with all applicable national, federal, state, and local laws and regulations regarding safety, occupational health, right to know, and environmental implications.

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the abovenamed supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.