

Material Safety Data Sheet

Number: **DMN0526**

Product Name: **Bio HC™**

A bacteria concentrate for hydrocarbon elimination/removal

Revised: 10/12/11

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Section 2 - Composition / Information on Hazardous Ingredients

Contains no hazardous ingredients as defined in CFR 29 1910.1200.

Section 3 - Hazards Identification

Emergency Overview: Concentrate may be irritating to the eyes and skin. Contains safe bacteria that nature uses to decompose organic material. Product is water based and presents no hazard in a fire. A tan opaque liquid with a mild odor.

Health Hazards: Possible Eye and Skin Irritant

Physical Hazards: None

Primary Routes of Entry: ___ Skin contact; ___ Skin absorption; ___ Inhalation; X Ingestion

Potential Health Effects:

Eyes - may cause irritation, redness, tearing.

Skin - may cause irritation on persons with sensitive skin.

Swallowing - may cause abdominal pain, nausea and vomiting.

Breathing - none.

Section 4 - First Aid Measures

Eye Contact: Flush eyes with water for up to 15 minutes, lifting upper and lower eyelids occasionally. If irritation persists, get medical attention.

Skin Contact: Wash the exposed area with soap and water. If irritation develops and persists, get medical attention.

Inhalation: None.

Ingestion: If the product is swallowed, do NOT induce vomiting. If affected person is conscious, give a glass of water or milk to drink. Get medical attention.

Section 5 - Fire-Fighting Measures

Flash Point: none. (ASTM D-56 closed cup)

Lower Explosive Limit: Not Applicable

Upper Explosive Limit: Not Applicable

Extinguishing Media: Any

Special Fire Fighting Procedures: None.

Unusual Fire And Explosion Hazards: None.

Section 6 - Accidental Release Measures

Steps To Be Taken If Material Is Released Or Spilled: Clean small spills with a rag or a mop. Larger spills can be washed to any drain or sewer.

Section 7 - Handling and Storage

Keep container tightly closed. Store at temperatures between 40° and 110° F.

If the product is spilled on natural fibers or organic materials (cotton, wool, leather, plant fibers, etc.) and remains damp or wet for a period of time the bacteria will begin decomposing them. Rinse and dry such materials after contact.

Wash hands with soap and water after using this product. If an open wound comes in contact with the product wash the area with soap and water and apply a mild topical antibiotic like Neosporin® to prevent infection.

Section 8 - Exposure Controls / Personal Protection

Contains no hazardous ingredients as defined in CFR 29 1910.1200.

Ventilation: None.

Respiratory Protection: None when used as directed.

Gloves: Persons with sensitive skin or who use the product for prolonged periods may wish to use rubber or latex gloves.

Eye Protection: If eye contact with concentrate is possible, wearing safety glasses with side shields, especially for contact lens wearers, is a good idea.

Other Protective Equipment: None.

Section 9 - Physical and Chemical Properties

Boiling Point: 212° F.

Specific Gravity: 1.01

Percent Volatiles: 90%

Solubility In Water: Complete

Appearance and Odor: A light tan opaque liquid with a mild odor.

Vapor Pressure: Same as water.

Vapor Density: Same as water.

Evaporation Rate: Same as water.

pH: concentrate 6.2 ± 0.5

Section 10 - Stability and Reactivity

Incompatibility: None

Hazardous Decomposition Products: None

Section 11 - Toxicological Information

Target Organs: None.

Section 12 - Ecological Information

Not hazardous.

Section 13 - Disposal Considerations

Waste Disposal Method: Rinse to any drain or sewer.

Section 14 - Transport Information

D.O.T. Hazard Class: Not considered hazardous by D.O.T., I.M.C.O., I.A.T.A. or U.N.

Section 15 - Regulatory Information

The components of this product are on the TSCA inventory of chemical substances.

Section 16 - Other Information

NFPA®: H:0 F:0 I:0 **HMIS® III:** H:0 F:0 P:0 These ratings estimates are to be used only with a fully implemented training program in the workplace. NFPA® is a mark registered by the NFPA. HMIS® is a mark registered by the NPCA.

The information accumulated herein is believed to be accurate but is not warranted to be. Recipients are advised to confirm in advance that the information is current, applicable, and suitable to their circumstances.