

MATERIAL SAFETY DATA SHEET

Manufactured by:

108

Anderson Chemical Company

325 SOUTH DAVIS AVENUE
LITCHFIELD, MINNESOTA 55355
(320) 693-2477



NFPA Hazard Rating*

Product Name: **Bio Clean**

24-HOUR EMERGENCY PHONE #: 1-800-424-9300 (CHEMTREC)

Revised: 9/21/2007

Int

Supersedes: 9/16/2005

I. IDENTIFICATION

Chemical Name And Synonyms:

Not applicable

DOT Shipping Name

Not applicable

Chemical Family:

Biological / surfactant blend

DOT Hazard Class & I.D. Number

Not applicable

#

PG

II. HAZARDOUS INGREDIENTS

Component

Viable bacterial cultures

CAS NO.

NA

%

TLV

NA

PEL

NA

Toxic

NA

Hazard

**Toxic chemical subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR §372). NA: Not applicable
NE: Not established

III. PHYSICAL DATA

Boiling Point: 100 deg C

Specific Gravity: ~1.000

Appearance: Slightly opaque, green liquid

Form: Liquid

pH, Neat: 8.9

Solubility In Water: Complete

Odor: Citrus Splash

IV. FIRE AND EXPLOSION HAZARD DATA

Flashpoint: Not applicable

Extinguishing Media: Water spray, carbon dioxide, and dry chemical powder

Special Fire

Fighting Procedures: Although this product is not combustible, if a fire occurs in the near vicinity, good firefighting practice dictates the use of self-contained breathing apparatus and other protective gear.

Unusual Fire And

Explosion Hazards: None known

V. HEALTH HAZARD DATA

Carcinogenic: The raw materials used in this product are not considered to be a carcinogen by ACGIH and OSHA.

Effects Of Over-exposure: May cause eye irritation. Could cause mild skin irritation after prolonged contact. Inhalation could cause irritation to lungs and mucus membranes. Ingestion may result in abdominal pain, nausea and vomiting.

Emergency And First

Aid Procedures: **Eyes:** Flush immediately with water for 15 minutes. Lift upper and lower eyelids for complete rinsing. If irritation persists, get medical attention.

Skin: Flush with water for 15 minutes. If irritation persists after rinsing, get medical attention. Remove contaminated clothing and wash before reuse.

Ingestion: Rinse mouth with water. Give water to dilute. Do not induce vomiting. Get immediate medical attention. Never give anything by mouth to a semi-comatose, comatose, convulsing or unconscious person.

Inhalation: Remove victim to fresh air. If breathing difficulty occurs and persists, get medical attention.

* NFPA/HMIS Degree or Hazard: 4 = Extreme; 3 = High; 2 = Moderate; 1 = Slight; 0 = Insignificant.

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HMIS A. Safety Glasses B. Safety Glasses, Gloves C. Safety Glasses, Gloves, Apron D. Face Shield, Gloves, Apron E. Safety Glasses, Gloves, Dust Respirator F. Safety Glasses, Gloves, Apron, Dust Respirator G. Safety Glasses, Gloves, Vapor Respirator H. Splash Goggles, Gloves, Apron, Vapor Respirator I. Safety Glasses, Gloves, Vapor and Dust Respirator J. Splash Goggles, Gloves, Apron, Vapor and Dust Respirator K. Air Line, Hood or Mask, Gloves, Full Suit, Boots X. Ask your supervisor for guidance.

VI. REACTIVITY DATA

Stability - Unstable:

Stable: **X**

Conditions To Avoid: None

Incompatibility: Strong acids and alkalis will inactivate biological cultures.
(Materials To Avoid)

Hazardous

Decomposition Products: None known

VII. SPILL OR LEAK PROCEDURES

Steps To Be Taken In Case Material Is Released Or Spilled:

Contain and collect material, place in proper container for disposal or reuse. Wash spill area with water.

Waste Disposal Method: Dispose of in accordance with local, state, and federal regulations.

VIII. SPECIAL PROTECTION INFORMATION

Respiratory Protection: Respiratory protection is not required for normal use.

Ventilation: Local exhaust should be sufficient. If used in a manner that creates mist, mechanical ventilation may be necessary.

Protective Gloves: Recommended

Eye Protection: Recommended

Protective Clothing: None required, avoid prolonged contact with clothing soiled with this product.

IX. SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling And Storing:

Store in a location away from children, food items and potable water. Store in an area out of the direct sunlight, keep container closed when not in use, avoid storing in a damp environment. Always wash hands with soap and water before handling food or smoking. Use good chemical hygiene.

Other Precautions: A source of water should be maintained in work area for rinsing hands and eyes in the event of product contact.

X. REVISED INFORMATION

MSDS Status: Raw material update.