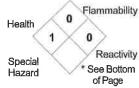
# MATERIAL SAFETY DATA SHEET

Manufactured by:

## 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) Supersedes: 9/16/2005

Revised: 9/21/2007

I. IDENTIFICATION

**Chemical Name And Synonyms:** 

Not applicable

**DOT Shipping Name** 

Not applicable

**Chemical Family:** 

Biological / surfactant blend

Viable bacterial cultures

**DOT Hazard Class & I.D. Number** 

PG

Imt

Not applicable

HAZARDOUS INGREDIENTS

Component

108

NA

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

## III. PHYSICAL DATA

Boiling Point: 100 deg C

Form: Liquid

pH, Neat: 8.9

Specific Gravity: ~1.000

Solubility In Water: Complete

Appearance: Slightly opaque, green liquid

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

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.

\*\*Continued On Bac
HMIS A. Safety Glasses B. Safety Glasses, Gloves C. Safety Glasses, Gloves, Apron D. Face Shled, 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. Art Line, Hood or Mask, Gloves, Full Sult, Boots X. Ask your supervisor for guidance. Continued On Back Page 2; Product Name: Bio Clean

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.

The opinions expressed herein are those of qualified experts within ANDERSON Chemical Company. We believe that the information contained herein is current as of the date of this Material Safety Data Sheet. Since the use of this Information and these opinions and the conditions of use of the product are not within the control of ANDERSON Chemical Company, it is the user's obligation to determine the conditions of safe use of the product.