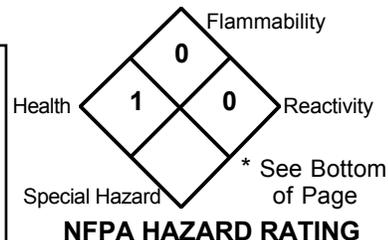


# MATERIAL SAFETY DATA SHEET

# 108

Manufactured by:

**ANDERSON Chemical Company**  
Litchfield, Minnesota 55355-1041  
(320) 693-2477



**Product Name: BIO CLEAN**

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

Revised: 9/21/2007 lmt  
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

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## II. HAZARDOUS INGREDIENTS

Component	CAS NO.	%	TLV	PEL	Toxic	Hazard
Viable bacterial cultures	NA		NA	NA	NA	

\*\*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

**Specific Gravity:** ~1.000

**Appearance:** Slightly opaque, green liquid

**Form:** Liquid

**Solubility In Water:** Complete

**Odor:** Citrus Splash

**pH, Neat:** 8.9

## 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: Rinse eyes with water for at least 15 minutes. Lift upper and lower lids for complete rinsing. Get medical attention if irritation persists.  
SKIN: Wash with soap and plenty of water. Get medical attention if irritation develops or persists.  
INHALATION: Remove victim to fresh air. If difficulty in breathing occurs, get medical attention.  
INGESTION: Observe victim for any signs of illness, do not induce vomiting unless advised by a physician. Never give anything by mouth to an unconscious person.

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

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## 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 to 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.