

# MATERIAL SAFETY DATA SHEET

## VIONEXUS

### Antimicrobial Foaming Soap

#### 1 - IDENTIFICATION

**Distributor:** Metrex Research Corporation  
**Address:** 28210 Wick Road  
**City, State, Zip:** Romulus, MI 48174  
**Telephone:** 1-800-841-1428  
**Emergency:** Chemtrec 1- 800-424-9300  
**Date Prepared:** October 2, 2003

#### 2 - COMPOSITION INFORMATION

##### Hazardous Ingredients

This product contains no hazardous components as defined in the OSHA Hazard Communication Standard (29 CFR 1910.1200).

##### Other Ingredients

Chloroxylenol, water and fragrance

#### 3 - PHYSICAL AND CHEMICAL PROPERTIES

**Boiling Point:** 212 °F (100 °C)  
**Specific Gravity (H<sub>2</sub>O = 1):** 0.97  
**Vapor Pressure (mm Hg):** N/A  
**Vapor Density (AIR = 1):** N/A  
**Evaporation Rate:** N/A  
**Solubility in Water:** 100%  
**Appearance and Odor:** Green liquid with a mild odor

#### 4 - FIRE AND EXPLOSION HAZARD DATA

**Flash Point (Method Used):** N/A  
**Flammable Limits:** LEL: N/A UEL: N/A  
**Extinguishing Media:** Dry chemical, alcohol foam, carbon dioxide or water  
**Auto-ignition temperature:** N/A  
**Special Fire Fighting Procedures:** Water should be used to keep fire-exposed containers cool. If a leak or spill has not ignited, use water spray to disperse. Protect persons attempting to stop a leak. Water may be used to flush and dilute spills.  
**Unusual Fire or Explosion Hazards:** None

#### 5 - REACTIVITY DATA

**Stability:** Stable at room temperature for at least 5 years in a tightly closed container.  
**Conditions to Avoid:** Contact with high heat and a wide range of strong oxidizing agents which may react violently.  
**Incompatibility (Material to Avoid):** Strong oxidizing agents  
**Hazardous Polymerization:** None likely  
**Hazardous Decomposition Products:** Carbon monoxide can form upon incomplete combustion

#### 6 - HEALTH HAZARD DATA

**Routes of Entry:**  
**Skin:** Causes no skin irritation if used as directed. Prevents defatting of skin.  
**Eyes:** May cause irritation.  
**Inhalation:** May cause irritation.  
**Ingestion:** May cause stomach distress, nausea or vomiting  
**Carcinogenicity -** NTP: No  
**IARC Monographs:** No OSHA Regulated Carcinogen: No

#### 7 - EMERGENCY FIRST AID PROCEDURES

**Skin:** None  
**Eyes:** Immediately flush affected area with cool water for at least 15 minutes and get medical attention if irritation persists.  
**Inhalation:** Immediately remove to fresh air. If victim has stopped breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention immediately.  
**Ingestion:** If victim is conscious and able to swallow, have victim drink water to dilute. Never give victim anything by mouth if victim is unconscious or having convulsions. Call physician or poison control center immediately. Induce vomiting only if advised by physician or poison control center.

#### 8 - PRECAUTIONS FOR SAFE HANDLING & USE

**Steps to be taken in case material is released or spilled:** In case of large spills, wear appropriate respiratory protection. Contain spilled material. Transfer to secure containers. Where necessary, collect spilled product using absorbent media. Dilute spill with water and directly flow to any available sanitary drain. In the event of an uncontrolled release of this product, the user should determine if the release is reportable under applicable laws and regulations.  
**Waste Disposal Method:** Dispose of waste in accordance with all federal, state, and local regulations.  
**Precautions to be taken in handling and storing:** Store in a cool place away from areas of high heat, flames, or potential sparks. Use according to directions.

#### 9 - CONTROL MEASURES

**Respiratory Protection (Specify Type):** Use NIOSH/MSHA approved respiratory protection equipment where exposure is likely to exceed acceptable criteria. For normal use of product as a skin lotion, no respirators are deemed necessary.  
**VENTILATION:**  
**Local Exhaust:** Adequate ventilation should be available for all uses of this product.  
**Mechanical (General):** Should be sufficient  
**Protective Gloves:** N/A  
**Eye Protection:** Contact of product with the eyes is not expected or anticipated in the normal use: however, if there is a possibility of splashing or other means of contact with eyes, chemical safety goggles meeting the specifications of ANSI Standard Z87.1 should be worn.

#### 10 - TRANSPORTATION INFORMATION

Not regulated.

#### 11 - SPECIAL INFORMATION

**HMIS (Hazardous Material Identification System) Rating:**  
H0 F2 R0  
[HMIS Hazard Index: 4 – Severe Hazard; 3 – Serious Hazard;  
2 – Moderate Hazard; 1 – Slight Hazard; 0 – Minimum Hazard]

**Note:** This MSDS was prepared in accordance with the requirements of the OSHA Hazard Communication Standard (29 CFR 1910.1200) and is to be used only for this product. The information contained in this MSDS is, to the best of our knowledge, believed to be accurate.