

# MATERIAL SAFETY DATA SHEET

## VIONEX

### Antimicrobial Liquid Soap

#### 1 - IDENTIFICATION

**Manufacturer:** 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

Water, glycerin, propylene glycol, sodium olefin sulfonate, lauramide DEA, sodium chloride, citric acid, FD&C colorants and fragrance

#### 3 - PHYSICAL AND CHEMICAL PROPERTIES

**Boiling Point:** N/A  
**Specific Gravity (H<sub>2</sub>O = 1.0):** 1.02  
**Vapor Pressure (mm Hg):** N/A  
**Vapor Density (AIR = 1):** N/A  
**Evaporation Rate:** N/A  
**Solubility in Water:** 100%  
**Appearance and Odor:** Green pearl viscous liquid, floral fragrance

#### 4 - FIRE AND EXPLOSION HAZARD DATA

**Flash Point (Method Used):** N/A  
**Flammable Limits:** LEL: N/A UEL: N/A  
**Extinguishing Media:** Water, carbon dioxide, dry chemical  
**Special Fire Fighting Procedures:** N/A  
**Unusual Fire or Explosion Hazards:** N/A

#### 5 - REACTIVITY DATA

**Stability:** Stable solution.  
**Conditions to Avoid:** N/A  
**Incompatibility (Material to Avoid):** N/A  
**Hazardous Polymerization:** Will not occur.

#### 6 - HEALTH HAZARD DATA

**Routes of Entry:**  
**Skin:** N/A  
**Eyes:** Can be irritating to eyes.  
**Inhalation:** N/A  
**Carcinogenicity -** NTP: No  
**IARC Monographs:** No OSHA Regulated Carcinogen: No

#### 7 - EMERGENCY FIRST AID PROCEDURES

**Skin:** N/A  
**Eyes:** Flush eyes with water for at least 15 minutes. Get medical attention if irritation persists.  
**Inhalation:** Not expected to occur.  
**Ingestion:** Get medical attention. Do not induce vomiting.

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

**Steps to be taken in case material is released or spilled:** Flush area with water and dispose to sanitary sewer.  
**Waste Disposal Method:** An acceptable method of disposal is to dilute with large amounts of water followed by discharge into a suitable treatment system in accordance with all regulatory agencies. Because acceptable methods of disposal may vary by location and because regulatory requirements may change, the appropriate regulatory agencies should be contacted prior to disposal.  
**Precautions to be taken in handling and storing:** Store containers tightly closed and in an upright position at room temperature.

#### 9 - CONTROL MEASURES

**Respiratory Protection (Specify Type):** N/A  
**VENTILATION:**  
**Local Exhaust:** N/A  
**Mechanical (General):** Should be adequate  
**Protective Gloves:** N/A  
**Eye Protection:** Use goggles if eye exposure is possible.  
**Other Protective Clothing or Equipment:** N/A

#### 10 - TRANSPORTATION INFORMATION

Not regulated.

#### 11 - SPECIAL INFORMATION

**HMIS (Hazardous Material Identification System) Rating:**  
H0 F0 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.