

MATERIAL SAFETY DATA SHEET

VIONEXUS

No Rinse Spray

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: January 2, 2007

2 - COMPOSITION INFORMATION

Hazardous Ingredients

	<u>CAS #</u>	<u>PEL</u>	<u>TLV</u>	<u>%</u>
Ethanol (SDA 23A) *	64-17-5	1500 ppm	1500 ppm	65.87
* Acetone	67-64-1	1000 ppm	750 ppm	5.56
Benzalkonium-Cl	68424-85-1	N/A	N/A	0.10

Other Ingredients

Water and glycerin

3 - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: 83 °C
Specific Gravity (H₂O = 1): 0.87
Vapor Pressure (mm Hg): N/A
Vapor Density (AIR = 1): N/A
Evaporation Rate: Similar to alcohol
Solubility in Water: 100%
Appearance and Odor: Clear liquid with mild alcohol odor

4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): 77 °F, Open Cup
Flammable Limits: LEL: 5.5 UEL: 15
Extinguishing Media: Dry chemical, alcohol foam, carbon dioxide
Auto-ignition temperature: >685 °F
Special Fire Fighting Procedures: None
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: High heat, sparks, flame, and all other ignition sources
Incompatibility (Material to Avoid): Acetyl chloride and 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.
Eyes: May cause irritation.
Inhalation: May cause irritation of the throat and esophagus. Exposure to over 1500 ppm may cause headache, drowsiness, loss of appetite and inability to concentrate.
Ingestion: Can cause depression of central nervous system, nausea, vomiting, and diarrhea.
Carcinogenicity - NTP: No
IARC Monographs: No OSHA Regulated Carcinogen: No

7 - EMERGENCY FIRST AID PROCEDURES

Skin: None
Eyes: Flush eyes with cool water for at least 15 minutes and get medical attention.
Inhalation: Remove to fresh air. If victim has stopped breathing, give artificial respiration. Get medical attention.
Ingestion: If victim is conscious and able to swallow, have victim drink water or milk. Get medical attention.

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. Soak up liquid with absorbent material. Transfer to secure containers for disposal.
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.
VENTILATION:
Local Exhaust: Not necessary
Mechanical (General): Should be sufficient
Protective Gloves: N/A
Eye Protection: Chemical safety goggles are recommended.

10 - TRANSPORTATION INFORMATION

DOT:
Containers not exceeding 1.0 liter qualify for the Consumer Commodities exception. (See 49CFR 173.150(c))

IATA, IMO:

Proper Shipping Name: Ethanol Solution
Hazard Class: 3
Identification Number: 1170
Packaging Group: III
Label: Flammable Liquid

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]