

**Material Safety Data Sheet**

May be used to comply with  
 OSHA's Hazard Communication Standard 29 CFR 1910  
 Standard must be consulted for specific requirements.

**U.S. Department of Labor**

Occupational Safety and Health Administration  
 (Non-Mandatory Form) Form Approved OMB no. 1218-0072

**Identify (Code Number, Name)**

4105218

Vira-Cide

**Section I Manufacturer's Name**

**Applied Research, Inc.**  
**7367 Davie Rd. Ext**  
**Hollywood, FL 33024**

Emergency Telephone Number  
 1-800-228-5635

Telephone # For Information  
 1-800-253-3500

Date Prepared: 02/24/98

**HEALTH** 1  
**FLAMMABILITY** 0  
**REACTIVITY** 0  
 Protective Equipment

Hazardous Components (Specify Chemical Identity, Common Name)	CAS #	OSHA PEL	ACGIH TLV	Other Recommended Limits	%
Octyl Decyl Dimethyl Ammonium Chloride		N/A	N/E		0.026
Dioctyl Dimethyl Ammonium Chloride		N/A	N/E		0.013
Didecyl Dimethyl Ammonium Chloride		N/A	N/E		0.013
Dimethyl Benzyl Ammonium Chloride		N/A	N/E		0.034
This product is not a carcinogen or potential carcinogen as defined by OSHA, the NTP, or the IARC monographs					

**Section III Physical Characteristics**

<b>Boiling Point</b>	212 Deg. F.	<b>Specific Gravity (Water =1)</b>	1.002
<b>Vapor Pressure</b>	N/A	<b>Melting Point</b>	
<b>Vapor Density</b>	N/A	<b>Evaporation Rate</b>	<1
<b>Solubility In Water</b>	99.9%		
<b>Appearance and Odor</b>	Light blue, clear liquid with fresh odor		

**Section IV Fire and Explosion Hazard Data**

<b>Flash Point</b>	<b>Flammable Limits</b>	<b>LEL</b>	<b>UEL</b>
No flash @ Boil, (C.C.)	N/A	N/A	N/A