

**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)**

2252050

**Duct Works****Section 1 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: 06/11/96

**HEALTH** 3**FLAMMABILITY** 1**REACTIVITY** 0

Protective Equipment

B

Hazardous Components (Specify Chemical Identity, Common Name)	CAS #	OSHA PEL	ACGIH TLV	Other Recommended Limits	%
N,N-Didecyl-N, N-dimethylammonium chloride	7173-51-5		N/E		
N,N-Dimethyl-1-dodecanamine-N-oxide	1643-20-5		N/E		
N, N-Dimethyl-1-tetradecanamine-N-oxide	3332-27-2		N/E		

**Section III Physical Characteristics**

<b>Boiling Point</b>	212 deg F	<b>Specific Gravity (Water =1)</b>	1.02
<b>Vapor Pressure</b>	@ 20 deg C: N/A	<b>Melting Point</b>	
<b>Vapor Density</b>	N/A	<b>Evaporation Rate</b>	1.0

<b>Solubility In Water</b>	Soluble
<b>Appearance and Odor</b>	Green liquid

**Section IV Fire and Explosion Hazard Data**

<b>Flash Point</b>	<b>Flammable Limits</b>	<b>LEL</b>	<b>UEL</b>
N/A	N/A	N/A	N/A

<b>Extinguishing Media</b>	Water in surrounding areas. Product is non-flammable.
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