

<b>MATERIAL SAFETY DATA SHEET</b>	PolyScience 6600 W. Touhy Avenue Niles, IL 60714 USA (847) 647-0611 Fax: (847) 647-1155	EMERGENCY PHONE NO: (847)647-0611
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<b>Product Name:</b>	<b>POLY-CLEAR CIRCUL FLD W/ALGICIDE</b>	DATE: 7/18/06
		110-409

**SECTION I – PRODUCT IDENTIFICATION**

**General or Generic ID:** POLY-CLEAR CIRCUL FLD W/ALGICIDE  
**DOT Hazard Classification:** None

**SECTION II - COMPONENTS**

<b>Ingredient:</b>	<b>CAS Number:</b>	<b>Weight (%)</b>	<b>PEL</b>	<b>TLV</b>
Copper Carbonate	12069-69-1	< 1	NOT ESTABLISHED	
Dimethyl Benzyl Ammonium Chloride	68424-85-1	< 1	NOT ESTABLISHED	
Ethyl Alcohol	64-17-5	< 1	NOT ESTABLISHED	
Monoethanolamine	141-43-5	< 1	NOT ESTABLISHED	
Triethanolamine	102-71-6	< 1	NOT ESTABLISHED	

**SECTION III – PHYSICAL DATA**

<b>Physical State:</b>	<b>Liquid</b>	<b>Volatiles (Vol.%)</b>	<b>Nil</b>
Appearance:	Clear Liquid	Boiling Point:	212°F
Color:	Clear	Vapor Pressure:	NOT ESTABLISHED
Solubility (Water)	Soluble	Evaporation Rate	< 1
Specific Gravity:	1-1.1	pH Factor	4.5 -5

**SECTION IV – FIRE & EXPLOSION**

Flash Point:	N/A °F	Unusual Fire & Explosion Hazards: NONE
Extinguishing Media:	Use the appropriate extinguishing media for the surrounding fire.	
	Combustion products are toxic.	

**SECTION V – HEALTH HAZARD DATA**

<b>Primary Routes of Entry:</b>	Skin Contact, Eye Contact, Inhalation
<b>Signs &amp; Symptoms of Exposure:</b>	Irritation of Eyes, Skin, and Respiratory Passages
<b>Inhalation:</b>	If inhaled, remove to fresh air. If breathing is difficult, give oxygen.
<b>Eye Contact:</b>	Remove victim from the exposure to nearest eyewash or source of clean water. Flush eyes with plenty of water for at least 15 minutes.
<b>Skin Contact:</b>	Rinse the affected area with tepid water for at least 15 minutes.
<b>Ingestion:</b>	Call a physician or a poison control center immediately. If victim is conscious, give one or two cups of water or milk to drink. If swallowed, Do not induce vomiting unless directed to do so by medical personnel.
<b>Chronic Effects of Exposure:</b> None Known	<b>Medical Conditions Generally Aggravated by Exposure:</b> None Known

**TOXICITY OR EXPOSURE DATA:**

<b>Oral:</b>	No data available
<b>Dermal:</b>	No data available
<b>Inhalation:</b>	No data available
<b>Carcinogenicity:</b>	No data available

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**SECTION VI – REACTIVITY DATA**

<b>Hazardous Polymerization:</b>	Will not occur.
<b>Stability:</b>	Stable
<b>Incompatibility:</b>	Strong Acids
<b>Conditions to Avoid</b>	Contact with Clay
<b>Hazardous Decomposition Products:</b>	Hydrogen Chloride fumes, oxides of carbon and Nitrogen

**SECTION VII – SPILL OR LEAK PROCEDURES**

<b>Actions to take:</b> Wear safety glasses with side shields or goggles recommended, chemical-resistant gloves and general room ventilation recommended.
<b>Spill:</b> Contain and/absorb spill with inert material (e.g. sand, vermiculite) Avoid release to the environment. May flush small amount to sewer.
<b>Disposal Methods:</b> Dispose of contaminated product and clean up materials used in a manner approved for this product. Refer to applicable Local, State and Federal Regulations as well as industry standards.

**SECTION VIII: PROTECTIVE EQUIPMENT TO BE USED**

<b>Respiratory Protection:</b>	General room ventilation is normally adequate.
<b>Ventilation:</b>	General room ventilation is normally adequate.
<b>Protective Gloves:</b>	Use chemical resistive gloves.
<b>Eye Protection:</b>	Safety glasses with side shields or goggles recommended

**SECTION IX: HANDLING AND STORAGE**

<b>Handling and Storage Precautions:</b>	Keep out of the reach of children. Wash Thoroughly after handling.
<b>Handling Precautions:</b>	Avoid contact with eyes. Wash hands before eating, drinking, or smoking. Avoid contact with skin and clothing.
<b>Storage Precautions:</b>	Store in a cool dry place. Keep out of reach of children.
<b>Work/Hygienic Practices:</b>	Use safe chemical handling procedures suitable for the hazards presented by this material.

**SECTION X: Regulatory Information**

<b>Ingredients – State Regulations</b>
<b>ETHYL ALCOHOL</b>
New Jersey- Workplace hazard
New Jersey- Special hazard
Pennsylvania- Workplace hazard
California – Proposition 65
Massachusetts – Hazardous substance
New York City- hazardous substance
<b>TRIETHANOLAMINE</b>
Pennsylvania- Workplace hazard
Massachusetts – Hazardous substance

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**SECTION XI: SPECIAL PRECAUTIONS AND OTHER COMMENTS**

The information provided herein is believed to be accurate but, is not warranted to be, originating whether with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their particular circumstances.

Containers of this material may be hazardous when emptied due to product residues, (Vapor, liquids, dusts, and/or other solid particulates).

**ALL HAZARD PRECAUTIONS LISTED MUST BE OBSERVED!**