

MATERIAL SAFETY DATA SHEET	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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Product Name:	POLY-CLEAR CIRCUL FLD W/ALGICIDE	DATE: 7/18/06 Last Reviewed: 1/1/2010 110-409
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SECTION I – PRODUCT IDENTIFICATION

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

SECTION II - COMPONENTS

Ingredient:	CAS Number:	Weight (%)	PEL	TLV
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

Physical State:	Liquid	Volatiles (Vol.%)	Nil
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

Primary Routes of Entry:	Skin Contact, Eye Contact, Inhalation
Signs & Symptoms of Exposure:	Irritation of Eyes, Skin, and Respiratory Passages
Inhalation:	If inhaled, remove to fresh air. If breathing is difficult, give oxygen.
Eye Contact:	Remove victim from the exposure to nearest eyewash or source of clean water. Flush eyes with plenty of water for at least 15 minutes.
Skin Contact:	Rinse the affected area with tepid water for at least 15 minutes.
Ingestion:	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.
Chronic Effects of Exposure: None Known	Medical Conditions Generally Aggravated by Exposure: None Known

TOXICITY OR EXPOSURE DATA:

Oral:	No data available
Dermal:	No data available
Inhalation:	No data available
Carcinogenicity:	No data available

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SECTION VI – REACTIVITY DATA

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

SECTION VII – SPILL OR LEAK PROCEDURES

Actions to take: Wear safety glasses with side shields or goggles recommended, chemical-resistant gloves and general room ventilation recommended.
Spill: Contain and/absorb spill with inert material (e.g. sand, vermiculite) Avoid release to the environment. May flush small amount to sewer.
Disposal Methods: 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

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

SECTION IX: HANDLING AND STORAGE

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

SECTION X: Regulatory Information

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