

# MATERIAL SAFETY DATA SHEET

## SECTION 1 MATERIAL NAME / IDENTIFIER

**Quick Clear** WHMIS: Non Controlled

**Manufacturer's Name:** CAPO INDUSTRIES LTD  
**Street Address:** 1200 CORPORATE DRIVE  
**City:** BURLINGTON, ONTARIO  
**Postal Code:** L7L 5R6

**Emergency Telephone:** Canutec (613) 996-6666 (Collect)

**Chemical Name:** Not applicable  
**Chemical Family:** Cationic Polyelectrolyte  
**Chemical Formula:** Proprietary Blend  
**Trade Name & Synonyms:** Not applicable  
**Molecular Weight:** Not applicable  
**Material Use:** Water clarifier/coagulant

## SECTION 2 HAZARDS IDENTIFICATION

**GHS classification:** H412 Hazardous to the aquatic environment, Long term hazard, Category 3  
**Symbol(s):** None  
**Signal Word** None  
**Hazard statement** Harmful to aquatic life with long lasting effects.  
**Precautionary statement** Avoid release into the environment.

## SECTION 3 COMPOSITION, INFORMATION ON INGREDIENTS

Ingredient	CAS#	% Concentration
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No Regulated Components

## SECTION 4 FIRST AID MEASURES

**Inhalation:** Remove person to fresh air if having difficulty breathing.  
**Skin Contact:** Wash thoroughly with soap and water for 15 minutes.  
**Eye Contact:** Flush eyes with copious amounts of water for 15 minutes. Seek medical attention if irritation persists.  
**Ingestion:** Do not induce vomiting. Give water to dilute. Contact a physician if a large quantity of the product

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has been consumed.

**Note to physicians** None

## SECTION 5 FIRE – FIGHTING MEASURES

**Hazardous Combustion Products:** Oxides of carbon and nitrogen.  
**Unusual Fire or Explosion Hazards:** Not applicable  
**Sensitivity to Mechanical Impact:** None  
**Rate of Burning:** Not applicable  
**Explosive Power:** Not applicable  
**Sensitivity to Static Discharge:** None  
**Fire Extinguishing Media:** Use media suitable to extinguish source of fire.  
**Instructions to the Fire Fighters:** See below  
**Fire Fighting Protective Equipment:** Wear full protective clothing and a self-contained breathing apparatus.

## SECTION 6 ACCIDENTAL RELEASE MEASURES

**Leak And Spill Procedure:** Prevent entry into drains, sewers and waterways. Soak up spill with absorbent material. Sweep up and put into dry, clean and labelled containers for disposal. Due to the slippery nature of this product, clean up spills immediately and completely.

## SECTION 7 HANDLING AND STORAGE

### HANDLING

**Handling Practices:** Wear gloves and safety glasses when handling. Wash hands thoroughly after use.  
**Ventilation Requirements:** None required.

### STORAGE

**Ventilation Requirements:** Store in a cool, dry area. Do not freeze.  
**Storage Requirements:** Store at room temperature. Keep containers tightly closed when not in use.

## SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

### ENGINEERING CONTROLS

**Engineering Controls:** None required.

### PERSONAL PROTECTIVE EQUIPMENT

**Skin (Specify):** Rubber, PVC or latex gloves if skin contact is likely.

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**Eye (Specify):** Safety glasses if eye contact is likely.  
**Respiratory (Specify):** None  
**Other (Specify):** Eye wash and shower stations are close to work area if needed.

## SECTION 9 PHYSICAL DATA FOR MATERIAL

**Physical State:** Gas                      Liquid                      X                      Solid  
**Odour & Appearance:** Clear thick blue liquid, mild odour  
**Odour Threshold (ppm):** Not applicable  
**Flammability:**                                      Yes                                      No                      X  
**If Yes, Under Which Conditions?:**  
**Auto Ignition Temperature (Celsius):** Not applicable  
**Upper Explosion Limit (% By Volume):** Not applicable  
**Lower Explosion Limit (% By Volume):** Not applicable  
**Decomposition Temp (°C)** Not applicable  
**Specific Gravity:** 1.010  
**Viscosity:** 1300 cps min.  
**Vapour Pressure (mm):** Not available  
**Vapour Density (Air-1):** Not available  
**Flashpoint (°C)** Not applicable  
**Evaporation Rate** Not available  
**Boiling Point (°C):** 100°C  
**Freezing Point (°C):** 0°C  
**Solubility In Water (20°C):** Soluble  
**% Volatile (By Weight)** 94%  
**PH:** 8 - 10  
**Coefficient Of Water/Oil Distribution:** Not applicable

## SECTION 10 STABILITY AND REACTIVITY

**Chemical Stability:**                                      Yes                                      X                                      No  
**If No, Under Which Conditions?:**  
**Incompatibility To Other Substances:**                                      Yes                                      X                                      No  
**If So, Which Ones:** Strong oxidizers and strong alkalis e.g. ammonia and caustic soda.  
**Conditions to Avoid:** Contact with incompatible materials.  
**Hazardous Decomposition Products:** Oxides of carbon and nitrogen.

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## SECTION 11

## TOXICOLOGICAL INFORMATION

### ACUTE HEALTH EFFECTS

**Inhalation:** None  
**Skin Contact:** May cause mild irritation.  
**Eye Contact:** May cause mild irritation.  
**Ingestion:** May cause gastritis – stomach upset, nausea, vomiting and diarrhea.

**CHRONIC HEALTH EFFECTS:** None known

**Other Health Effects:** None known

**LD 50 of Material (Specify Species and Routes):** Not available

**LC 50 of Material (Specify Species and Routes):** Not available

**Exposure (Limits):** None established

**Irritancy of Material** Mild skin and eye irritant

**Sensitization of Material** None known

**Synergistic Materials** None known

**Carcinogenicity, Mutagenicity, Reproductive Effects, Teratogenicity:** None known

## SECTION 12

## ECOLOGICAL INFORMATION

**Ecotoxicity** Harmful to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

**ALGAE TEST RESULTS:** Acute Toxicity, Seawater (ISO 10253)

72 h, Marine Algae (Skeletonema Costatum): 0.75 mg/l IC50

Growth Inhibition (OECD 201)

96 h, Green Algae (Selenastrum Capricornutum): >10-100 mg/l IC50

**FISH TEST RESULTS:** Acute Toxicity, Freshwater (OECD 203)

Zebra Fish (Brachydanio Rerio): >10-100 mg/l LC50

Acute Toxicity, Seawater (Parcom)

Juvenile Turbot (Scophthalmus Maximus): 1769 mg/l LC50

**INVERTEBRATE TEST RESULTS:** Acute Immobilization (OECD 202)

Water Flea (Daphnia Magna) : >10-100 mg/l EC50

Acute Invertebrate Toxicity, Seawater (Parcom)

Marine Copepod (Acartia Tonsa): 204 mg/l EC50 Immobilization

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## Environmental Fate

**Biodegradability:** This material is not readily biodegradable.

**Bioaccumulative Potential:** Not available

**Mobility In Soil:** Not available

## **SECTION 13 DISPOSAL CONSIDERATIONS**

**Waste Disposal:** Dispose absorbed material in accordance with federal, provincial and local regulations.

**Safe Handling of Residues:** Remove residues by scrubbing.

**Disposal of Packaging:** Dispose of containers in accordance with federal, provincial and local regulations.

## **SECTION 14 TRANSPORTATION INFORMATION**

### **CANADIAN TDG ACT SHIPPING DESCRIPTION:**

**Proper shipping name:** Not regulated

**Class:** Not applicable

**Packing group:** Not applicable

**UN:** Not applicable

### **US DOT CLASSIFICATION (49CFR 172.101, 172.102)**

**Proper shipping name:** Not regulated

**Class:** Not applicable

**Packing group:** Not applicable

**UN:** Not applicable

## **SECTION 15 REGULATORY INFORMATION**

### **CANADA**

**WHMIS:** Non Controlled

**CPR Compliance:** This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

**USA** Not available

**INTERNATIONAL** Not available

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## SECTION 16

## OTHER INFORMATION

Prepared By (Group, Department, Etc.): Quality Control Telephone: (905) 332-6626

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Additional Notes Or References:

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