

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

Preparation Date:

January 1, 1996

Date Revised:

May 29, 2015

Additional Notes Or References:

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