

SAFETY DATA SHEET

SECTION 1

MATERIAL NAME / IDENTIFIER

Formula 500

WHMIS: Not regulated under WHMIS. It is regulated under the Pest Control Product Act (PCP).

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: Pesticide
Chemical Formula: Not available
Trade Name & Synonyms: WSCP Solution
Molecular Weight: Not available
Material Use: Algaecide for swimming pools

SECTION 2

HAZARDS IDENTIFICATION

GHS classification: Acute toxicity, Oral, Category 5
Hazardous to the aquatic environment, Acute hazard, Category 1

Symbol(s)



Signal Word Warning

Hazard statements H303 May be harmful if swallowed.
H400 Very toxic to aquatic life.

Precautionary statements P273 Avoid release to the environment.
P312 Call a POISON CENTER or doctor/physician if you feel unwell.
P391 Collect spillage.
P501 Dispose of contents/container in accordance with local regulations.

Formula 500

SAFETY DATA SHEET

SECTION 3 COMPOSITION, INFORMATION ON INGREDIENTS

Ingredient	CAS#	% Concentration
Poly(oxyethylene(dimethyliminio)ethylene(dimethyliminio)ethylene dichloride)	31512-74-0	40

SECTION 4 FIRST AID MEASURES

Inhalation:	Remove person to fresh air. If person experiences nausea, headaches, dizziness or has difficulty breathing, contact a physician immediately.
Skin Contact:	Wash hands thoroughly with soap and water. Should irritation occur, contact a physician.
Eye Contact:	Flush eyes with plenty of water for 15 minutes. Seek medical attention if irritation persists.
Ingestion:	Drink 2 or 3 glasses of water to dilute material. Do not induce vomiting. Contact a physician.
Note to physicians	None

SECTION 5 FIRE – FIGHTING MEASURES

Hazardous Combustion Products:	Smoke and oxides of nitrogen and carbon.
Unusual Fire or Explosion Hazards:	None known
Sensitivity to Mechanical Impact:	None
Rate of Burning:	Not applicable
Explosive Power:	Not applicable
Sensitivity to Static Discharge:	None
Fire Extinguishing Media:	Water fog, carbon dioxide, foam, dry chemical, water should be used to cool surrounding containers.
Instructions to the Fire Fighters:	Wear proper Protective Equipment. See below.
Fire Fighting Protective Equipment:	Wear full protective clothing and a positive pressure self-contained breathing apparatus.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Leak And Spill Procedure:	Block any potential routes to sewers, streams, lakes or rivers. Absorb with absorbent materials and dispose into metal containers. Flush residue with water. Block any potential routes to sewers, streams, lakes or rivers.
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SAFETY DATA SHEET

SECTION 7

HANDLING AND STORAGE

HANDLING

Handling Practices: Do not mix directly with other chemicals. Wear gloves and safety glasses when handling.

Ventilation Requirements: Use in well ventilated area.

STORAGE

Ventilation Requirements: Store in a cool, dry area.

Storage Requirements: Keep containers closed when not in use.

SECTION 8

EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS

Engineering Controls: Use in a well ventilated area.

PERSONAL PROTECTIVE EQUIPMENT

Skin (Specify): Latex or rubber gloves if skin contact is likely.

Eye (Specify): Safety glasses/goggles if eye contact is likely.

Respiratory (Specify): None

Other (Specify): Eye wash and shower stations are close to work area.

SECTION 9

PHYSICAL DATA FOR MATERIAL

Physical State: Gas Liquid X Solid

Odour & Appearance: Clear blue liquid, slight sweet 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 available

Specific Gravity: 1.094

Viscosity: Not available

Vapour Pressure (mm): Not available

SAFETY DATA SHEET

Vapour Density (Air-1):	Not available
Flashpoint (°C)	None
Evaporation Rate	Not available
Boiling Point (°C) :	>100°C (212°F)
Freezing Point (°C):	0°C
Solubility In Water (20°C):	Soluble
% Volatile (By Weight)	60%
PH:	6.0 – 8.0
Coefficient Of Water/Oil Distribution:	Not applicable

SECTION 10 STABILITY AND REACTIVITY

Chemical Stability:	Yes	<input checked="" type="checkbox"/>	No
If No, Under Which Conditions?:			
Incompatibility To Other Substances:	Yes	<input checked="" type="checkbox"/>	No
If So, Which Ones:	Anionic polymers		
Conditions to Avoid:	See above		
Hazardous Decomposition Products:	Carbon monoxide may be formed upon burning.		

SECTION 11 TOXICOLOGICAL INFORMATION

ACUTE HEALTH EFFECTS

Inhalation:	May cause irritation to the respiratory tract.
Skin Contact:	None expected on short term exposure.
Eye Contact:	Mild irritant
Ingestion:	Harmful if swallowed. No data available on human ingestion.

CHRONIC HEALTH EFFECTS: Prolonged or repeated skin contact may cause irritation.

Other Health Effects: None known

LD 50 of Material (Specify Species and Routes): ATEmix: 2774mg/kg, Oral (Rat), >2000mg/kg, Dermal (Rabbit)

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

Exposure (Limits): Not established

Irritancy of Material Mild eye irritant.

Sensitization of Material None known

Synergistic Materials None known

Carcinogenicity, Mutagenicity, Reproductive Effects, Teratogenicity: None known

SAFETY DATA SHEET

SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity

Poly(oxyethylene(dimethyliminio)ethylene(dimethyliminio)ethylene dichloride) 60%

LC50: 0.353mg/l 48h (fathead minnow)
0.044mg/l 48h (rainbow trout)
0.660mg/l 24h (harlequinfish, red rasbora)

Environmental Fate

Biodegradability: Not available
Bioaccumulative Potential: Toxic to aquatic life. Unknown effect.
Mobility In Soil: Unknown effect.

SECTION 13 DISPOSAL CONSIDERATIONS

Waste Disposal: Dispose absorbed material in accordance to federal, provincial and local regulations.
Safe Handling of Residues: Flush residue with copious amounts of water.
Disposal of Packaging: Dispose absorbed material in accordance to 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

IMDG

Proper shipping name: Not regulated
Class: Not applicable

SAFETY DATA SHEET

Packing group: Not applicable

UN: Not applicable

IATA

Proper shipping name: Not regulated

Class: Not applicable

Packing group: Not applicable

UN: Not applicable

SECTION 15 REGULATORY INFORMATION

CANADA

DSL and NDSL: Not Listed.

WHMIS: Not regulated under WHMIS. It is regulated under the Pest Control Products Act (PCP).

USA

SARA (302 Extremely hazardous substances list): No components of this product are listed.

SARA (312 Hazard category): Immediate (acute) health hazard.

SARA (313 Toxic chemicals list): No components of this product are listed.

TSCA: Not listed.

FIFRA: This product is a registered pesticide.

INTERNATIONAL

Mexico, China, Korea and Taiwan: Listed

Australia, Japan and Philippines: Not listed.

SECTION 16 OTHER INFORMATION

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

Preparation Date: May 17, 2016
Date Revised: December 1, 2018

Additional Notes Or References:

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