

# MATERIAL SAFETY DATA SHEET

## SECTION I - MATERIAL NAME / IDENTIFIER

**FORMULA 500/SUPERKILL ALGAECIDE/ALGI KILL 40/POLY-KILL ALGAECIDE 40%**

**WHMIS:** Not Regulated (D2B)  
This product is regulated by the Pest Control Product Act, Agriculture Canada

**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:** See Hazardous Ingredients  
**CHEMICAL FAMILY:** Pesticide  
**CHEMICAL FORMULA:** Not available  
**TRADE NAME & SYNONYMS:** WSCP Solution  
**MOLECULAR WEIGHT:** Not available  
**MATERIAL USE:** Algaecide for swimming pools

## SECTION II - HAZARDOUS INGREDIENTS

Hazardous Ingredients	Approx Conc %	C.A.S. N.A. U.N. Number	LD 50 Specify Species & Route (Oral, RAT)	LC 50 Specify Species & Route (Inhal, RAT)
Poly (oxyethylene-(dimethyliminio)ethylene-(dimethylimins) ethylene dichloride) (PCP no 18605)	60	31075-24-8	3.7 g/kg >2.0 g/kg	>26.4 mg/L

## SECTION III PHYSICAL DATA FOR MATERIAL

**PHYSICAL STATE:** GAS            LIQUID        X        SOLID

**ODOUR & APPEARANCE:** Clear blue slight sweet odour

**ODOUR THRESHOLD (PPM):** Not applicable

**SPECIFIC GRAVITY:** 1.098

**VAPOUR PRESSURE (MM):** Not applicable

**VAPOUR DENSITY (AIR-1):** Not applicable

**EVAPORATION RATE:** Not applicable

**BOILING POINT (C):** Above 100 deg C

**FREEZING POINT (C):** 0 deg C

**SOLUBILITY IN WATER (20C):** Soluble

**% VOLATILE (BY VOLUME)** 60%

**PH:** 6.0 – 8.0

**COEFFICIENT OF WATER/OIL DISTRIBUTION:** Not applicable

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## SECTION IV - FIRE & EXPLOSION HAZARD OF MATERIAL

**FLAMMABILITY:** YES NO X  
**IF YES, UNDER WHICH CONDITIONS?:** Not applicable  
**MEANS OF EXTINCTION:** Water fog, carbon dioxide, foam, dry chemical  
**SPECIAL PROCEDURES:** None  
**FLASHPOINT (CELSIUS) AND METHOD:** None  
**AUTOIGNITION TEMPERATURE (CELSIUS):** Not applicable  
**LOWER EXPLOSION LIMIT (% BY VOLUME):** Not applicable  
**UPPER EXPLOSION LIMIT (% BY VOLUME):** Not applicable  
**HAZARDOUS COMBUSTION PRODUCTS:** Smoke and oxides of nitrogen and carbon

## EXPLOSION DATA

**SENSITIVITY TO MECHANICAL IMPACT:** None **SENSITIVITY TO STATIC DISCHARGE:** None

## SECTION V REACTIVITY DATA

**CHEMICAL STABILITY:** YES X NO  
**IF NO, UNDER WHICH CONDITIONS?:**  
**INCOMPATIBILITY TO OTHER SUBSTANCES:** YES X NO  
**IF SO, WHICH ONES:** Anionic polymers  
**REACTIVITY AND UNDER WHAT CONDITIONS:** None known  
**HAZARDOUS DECOMPOSITION PRODUCTS:** None known

## SECTION VI TOXICOLOGICAL PROPERTIES OF MATERIAL

### ROUTE OF ENTRY:

: SKIN CONTACT :SKIN ABSORPTION : EYE CONTACT X  
: INHALATION ACUTE X INHALATION CHRONIC : INGESTION X

### EFFECTS OF ACUTE EXPOSURE TO MATERIAL

**SKIN:** None expected on short term exposure  
**EYE:** Mild irritant  
**INHALATION:** Inhalation of mists may cause irritation or corrosion of mucous membranes and the lungs.  
**INGESTION:** May be harmful. No data is available on human ingestion.

**EFFECTS OF CHRONIC EXPOSURE TO MATERIAL:** None known

**OTHER HEALTH EFFECTS:** None known

**LD 50 OF MATERIAL (Specify Species and Routes):** See Section II

**LC 50 OF MATERIAL (Specify Species and Routes):** See Section II

**EXPOSURE (LIMITS):** Not established

**IRRITANCY OF MATERIAL:** Eye irritant

**SENSITIZATION OF MATERIAL:** None known

**SYNERGISTIC MATERIALS:** None known

**CARCINOGENICITY, MUTAGENICITY, REPRODUCTIVE EFFECTS, TERATOGENICITY:** None known

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## SECTION VII

## PREVENTATIVE MEASURES

### PERSONAL PROTECTIVE EQUIPMENT

**GLOVES (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):** None  
**ENGINEERING CONTROLS (e.g. Ventilation, Enclosed Process – Specify):** None  
**LEAK AND SPILL PROCEDURE:** Absorb with absorbent materials and dispose into metal containers. Flush residue with water.  
**WASTE DISPOSAL:** Dispose absorbed material in accordance with federal, provincial and local government regulations.  
**HANDLING PROCEDURES AND EQUIPMENT:** Do not mix directly with other chemicals.  
**STORAGE REQUIREMENTS:** Store in cool, dry area.  
**SPECIAL SHIPPING INFORMATION:** Transportation: Not applicable  
Class: Not applicable  
Pkg. Group: Not applicable  
P.I.N./UN: Not applicable

## SECTION VIII

## FIRST AID MEASURES

**SKIN:** Wash thoroughly with soap and water. Should irritation occur, contact a physician.  
**EYE:** Flush eyes with plenty of water for 15 minutes. Seek medical attention if irritation persists.  
**INHALATION:** Move individual to fresh air. If person experiences nausea, headaches, dizziness or has difficulty breathing, contact a physician immediately.  
**INGESTION:** Drink 2 or 3 glasses of water to dilute material. Contact a physician. Do not induce vomiting.

## SECTION IX

## PREPARATION DATE OF M.S.D.S.

**PREPARED BY (Group, Department, etc.):** PLANT CHEMIST

**TELEPHONE:** (905) 332-6626

**PREPARATION DATE:** June 11, 1996

**DATE OF LATEST REVISION/REVIEW:** April 30, 2011

**ADDITIONAL NOTES OR REFERENCES:**

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