

MATERIAL SAFETY DATA SHEET

SECTION I - MATERIAL NAME / IDENTIFIER

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

MATERIAL SAFETY DATA SHEET

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 <input checked="" type="checkbox"/> X
: INHALATION ACUTE <input checked="" type="checkbox"/> X	INHALATION CHRONIC	: INGESTION <input checked="" type="checkbox"/> 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

MATERIAL SAFETY DATA SHEET

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: March, 30, 2014

ADDITIONAL NOTES OR REFERENCES:

While Capo Industries Ltd. believes that the data contained herein are factual and the opinions expressed are those of qualified experts regarding the results of the tests conducted, the data are not to be taken as a warranty or representation for which Capo Industries Ltd. assumes legal responsibility. They are offered solely for your consideration and verification. Any use of this data and information must be determined by the user to be in accordance with applicable Federal, Provincial and local laws and regulations.