

MATERIAL SAFETY DATA SHEET

SECTION I MATERIAL NAME / IDENTIFIER

PHOSPHATE FREE METASOL

WHMIS: D2B

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: Not applicable
Chemical Formula: Not applicable
Trade Name & Synonyms: Not applicable
Molecular Weight: Not applicable
Material Use: Chelating agent

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)
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Sodium Salt of 1 Hydroxyethylidene-1.1 - Diphosphoric Acid	3-7	2809-21-4	3.1g/kg	10 g/kg
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SECTION III PHYSICAL DATA FOR MATERIAL

Physical State: Gas Liquid X Solid

Odour & Appearance: Clear, blue liquid

Odour Threshold (Ppm): Not applicable

Specific Gravity: 1.260

Vapour Pressure (Mm): Not applicable

Vapour Density (Air-1): Not applicable

Evaporation Rate: Not applicable

Boiling Point (C): 100 deg C

Freezing Point (C): 0 deg C

Solubility In Water (20c): Soluble

% Volatile (By Weight) 56.0%

Ph: 5.2

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: Use media suitable to extinguish source of fire.
Special Procedures: Wear self contained breathing apparatus when fire fighting.
Flashpoint (Celsius) And Method: None
Autoignition Temperature (Celsius): None
Lower Explosion Limit (% By Volume): None
Upper Explosion Limit (% By Volume): None
Hazardous Combustion Products: Oxides of carbon and phosphorus

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?: Not applicable
Incompatibility To Other Substances: Yes X No
If So, Which Ones: cyanides
Reactivity And Under What Conditions: None under normal conditions
Hazardous Decomposition Products: CO, CO₂, oxides of phosphorus

SECTION VI TOXICOLOGICAL PROPERTIES OF MATERIAL

Route Of Entry:

: Skin Contact X :Skin Absorption : Eye Contact X
: Inhalation Acute :Inhalation Chronic : Ingestion X

EFFECTS OF ACUTE EXPOSURE TO MATERIAL

Skin: Product may irritate skin
Eye: Strong irritant- may cause burning
Inhalation: Severe irritation if mists are inhaled
Ingestion: Gastritis

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: Skin and eye irritant

Sensitization Of Material: None known

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Synergistic Materials: None known
Carcinogenicity, Mutagenicity, Reproductive Effects, Teratogenicity: None known

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): General ventilation
Leak And Spill Procedure: Small spills: Absorb with synthetic or natural absorbent and dispose into waste Container. Large spills: Neutralize with soda ash and absorb with absorbent material And dispose.
Waste Disposal: Dispose absorbed material in accordance with Federal, Provincial and local Regulations.
Handling Procedures And Equipment: Avoid skin contact
Storage Requirements: Store in cool, dry area
Special Shipping Information: **Transportation:** Not regulated
Class:
Pkg. Group:
P.I.N./Un:

SECTION VIII FIRST AID MEASURES

Skin: Wash thoroughly with soap and water.
Eye: Flush eyes with plenty of water for 15 minutes. Seek medical attention if irritation persists
Inhalation: If mists are inhaled, seek immediate medical attention
Ingestion: Drink 2 or 3 glasses of water to dilute material, Induce vomiting. Contact a physician at once

SECTION IX PREPARATION DATE OF M.S.D.S.

Prepared By (Group, Department, Etc.): Plant Chemist **Telephone:** (905) 332-6626
Preparation Date: January 8, 2009
Date Of Latest Revision/Review:
Additional Notes Or References: February 2, 2009

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