

This information must be made available to all personnel using this product.

WESTERN WATER MANAGEMENT, INC.
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Missouri 64116

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816-842-0560
CHEMTREC (Emergency Phone)
1-800-424-9300 (24 hr.)

PRODUCT NAME Cooling Water Treatment
FORMULA 4921

HAZARD CLASSIFICATION
CORROSIVE

NFPA HAZARD RANKING 3-Health/ 0-Fire/ 0-Reactivity/ COR-Special
HMIS HAZARD RANKING 3-Health/ 0-Fire/ 0-Reactivity/ M or R-Personal Protection Index

SECTION 1 HAZARDOUS INGREDIENTS

Ingredient		TLV
1-Hydroxyethylidene-1,1-diphosphonic acid	CAS# 2809-21-4	OSHA & ACGIH: none established
Maleic anhydride, polymer with ethyl acrylate and		OSHA & ACGIH: none established
- vinyl acetate, hydrolyzed	CAS# 113221-69-5	

This product does not contain 1% or greater of hazardous ingredients listed in Subpart D of SARA, Title III, Section 313 (40CFR372.65), the CERCLA "... List of Extremely Hazardous Substances and Threshold Planning Quantities" (40 CFR355.40 Appendix A), or the CERCLA "List of Hazardous Substances and Reportable Quantities" (40CFR302.4). This third list also identifies hazardous substances for reporting purposes related to the Clean Water Act, part 311(b)(2)(A).

All of the ingredients in this product are listed in the TSCA inventory.

None of the ingredients present in this product as 0.1% or greater are listed as carcinogens by NTP, IARC, or OSHA.

SECTION 2 PHYSICAL DATA

Appearance and Odor	clear, blue aqueous solution with a characteristic odor		
Specific Gravity	1.12	Boiling Point (°F.)	~212
Percent Volatile	74	Vapor Pressure (mm Hg)	that of water
Evaporation Rate	that of water	Vapor Density (air=1)	that of water
pH (1% solution)	-2	Solubility in Water	complete

SECTION 3 HEALTH HAZARD INFORMATION

Effects of Overexposure Corrosive to eyes and mucosal tissues if contact occurs. Permanent damage to eyes is possible if eyes are not thoroughly flushed at an eyewash station following contact. Skin irritation is possible following prolonged contact. Not toxic by OSHA definition, but ingestion would lead to burns and or irritation of mouth throat and digestive system. Inhalation of a mist generated from this material would also probably lead to similar burns and/or irritation of the respiratory system

Emergency and First Aid Procedures EYES: Immediately flush with plenty of water continuously for at least 15 minutes. Hold eyelids open to ensure flushing of the en

SECTION THREE HEALTH HAZARD INFORMATION CONTINUED ON NEXT PAGE-

proved container for disposal. Attempt to keep spilled material and rinsate out of sewers, lakes, rivers, streams, and other public waters.

Reportable Quantity not listed

Waste Disposal Method Dispose of waste in accordance with all federal, state, and local regulations regarding health and pollution. Recovered spill material or unused product which cannot be recycled or used is a hazardous waste by characteristic of corrosivity as defined by 40 CFR 261.

SECTION 8 SPECIAL PRECAUTIONS

Precautions to be Taken in Handling and Storing CORROSIVE material, handle with care. Do not get in eyes, on skin, or on clothing. Do not breathe mists. Use with adequate ventilation and use protective equipment (see Section 6). Wash thoroughly after handling. A water source and shower should be installed in storage and work areas. Wash contaminated clothing before reuse. Do not mix with any other concentrated chemicals. Do not add water to concentrated product. When diluting, always add product to water, using caution and proper agitation. Store in a cool, well-ventilated area away from incompatible materials (see Section 5). Keep drum tightly closed when not in use. Protect container from physical damage. Changes in temperature create air pressure inside drums. Use proper caution in unscrewing plug and inserting faucet. Unscrew plug slowly, allowing air to escape before completely removing plug. Do not wear contact lenses when working with chemicals.