



MATERIAL SAFETY DATA SHEET

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Product.....> CT-201

Section 1: Material Identification

Chemical Family..... organic phosphonate & polymer blend
DOT Ship Name..... Compound, Industrial Process Water Treating
DOT Hazard Class..... Non-Hazardous (ITEM 50227)
Date Prepared..... April 30, 1992

Section 2: Ingredient and Hazards

Hazardous Classification: NONE

<u>Ingredients</u>	<u>Percent</u>	<u>Limits(TLV)</u>
N(2-hydroxyethyl)N,N-di(methylene-phosphonic) acid (CAS 5995-42-6)	1	not established
(1-hydroxyethylidene)bis-phosphonic acid (CAS 2809-21-4)	< 1	not established

Section: 3 Physical Data

Boiling Point..... >215 deg F
Specific Gravity..... 1.0204
Vapor Pressure..... <15 mm Hg 68 F
Evaporation Rate..... 1.0 (Water=1)
Vapor Density..... 1.0 (AIR=1)
Measured pH (neat).... 6.0 - 7.0
Appearance..... water white liquid
Odor..... mild odor

Abbreviation: n/a = not applicable

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Section 4: Fire and Explosion Data

Flash Point, F, COC..... not combustible
Flammable Limits..... LEL: n/a UEL: n/a
Auto Ignition Temp.... n/a
Extinguishing Media... water, carbon dioxide, dry or foam
Special Procedures.... use SCBA with full face shield
Unusual Fire Hazards.. none

Section 5: Health Hazard Data

Threshold Limit Value.. not established
Carcinogen..... not list by OSHA standards

* ROUTES OF EXPOSURE *

Eye Contact..... DERMAL
may cause moderate to severe irritation.
Promptly flush to avert damage.
Skin Contact..... may cause irritation upon prolonged
contact.
Inhalation..... n/a
Oral..... nausea, irritation of mucosal tissue.

* EMERGENCY FIRST AID *

Eyes..... flush with water 15 minutes, seek medical
attention.
Skin..... flush with water 15 minutes, remove
clothing.
Inhalation..... move to fresh air
Ingestion..... Induce vomiting, if conscious. Rinse mouth
with water. Seek immediate medical
attention.

Section 6: Reactivity Data

Stability..... stable
Incompatibility..... alkalies, oxidizing or reducing agents.
Decomposition Products.. oxides of carbon, nitrogen, phosphorus.
Hazardous Polymerization will not occur
Abbreviation: n/a = not applicable

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Section: 7 Environmental Protection Procedures

Spill..... absorb spills onto sand or other absorbent material. Shovel into closable containers. Do not allow contact with natural waterways.

Waste Disposal..... dispose of following proper federal, state or local regulations where applicable.

Section: 8 Control Measures/Special Protection

Respiratory Protection.. use with adequate ventilation.
Ventilation Recommended. provide local exhaust.
Protective Gloves..... chemical or solvent resistant material.
Eye Protection..... chemical goggles or face shield.
Other Equipment..... safety/eye wash nearby.
Work/Hygienic Practices: wash thoroughly with soap after handling.

Section: 9 ADDITIONAL INFORMATION

HMIS Rating Code: HMIS

Health..... 1
Flammability..... 0
Reactivity..... 0
Personal Protection... C

0 = minimal
1 = slight
2 = moderate
3 = serious
4 = severe
C = splash proof safety glasses,
rubber gloves & apron.

The information provided relates to the specific material designated and may not be valid for such material used in combination with other materials outside the scope of intended usage. No representation, warranty or guarantee is made and it remains the user's responsibility to confirm by other investigation as to safe material application. We do not accept liability for loss or damage that may occur from the use of this information.