

MATERIAL SAFETY DATA SHEET

PAGE #: 1 OF 4

PRODUCT NAME: CT-505

MSDS NUMBER: 32002CT505

PRODUCT CODE: COOLING WATER TREATMENT

MSDS DATE: 3/20/02

KEY NUMBER: CT-505

EMERGENCY PHONE #'s: 800-255-3924 (CHEMTEL)



Advanced Chemical Technology, Inc.

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Ph: 1-800-527-9607 / Fax: 1-909-980-9366

Web: <http://www.actglobal.net> Email: act@actglobal.net

HEALTH	0 Normal Material
FIRE	0 Will Not Burn
REACTIVITY	0 Stable
SPECIFIC	-

1. IDENTIFICATION

See Addendum: Ref. PAGE:

Chemical Name: CT-505

Chemical Family: Slowly Soluble Polyphosphate

CAS #:

Chemical Formula:

CAS Name:

Molecular Weight: NA

Synonyms / Common Name: PHOSPHATE CRYSTALS

DOT Information: NON-DOT REGULATED WATER TREATMENT COMPOUND, DRY

2. PHYSICAL DATA

See Addendum: Ref. PAGE:

Appearance: Glassy beads or crystals

Color: Off-White

State: Solid

Odor Characteristics: Odorless

pH: (1% Solution): 7

Viscosity: NE

Specific Gravity (Water = 1): Density: 2.5 g/ml (approx 20.83)

Vapor Density (Air = 1): Not Available

Vapor Pressure: Not Available

Melting Point: 1200 F

Boiling Point: NA Solid

Flash Point: NA

Freezing Point: NE

Percent Volatility: Not Available

Evaporation Rate (BAc = 1): NA

Solubility in Water: Appreciable

Solubility in Oil: NE

Solubility in Acetone: NE

3. INGREDIENTS - HAZARDOUS

See Addendum: Ref. PAGE:

Material / Components	CAS #:	CAS Name	TLV Units	Approx. %
Sodium Polyphosphate			NE	100

4. FIRE AND EXPLOSION HAZARD DATA

See Addendum: Ref. PAGE:

Flash Point: Not Flammable

Flammable Limits in Air % by volume: Lower Not Flammable, Upper Not Flammable

Extinguishing Media: Non Combustible. Use extinguishing media appropriate for surrounding materials.

Special Fire Fighting Procedures: None Required

Unusual Fire & Explosion Hazards: None Known



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5. HEALTH HAZARD DATA

See Addendum:

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Threshold Limit Value: NE

Effects of Overexposure:

Inhalation: Not Known

Skin Contact: Handle with care: sharp edges may cut skin.

Eye Contact: May cause irritation or redness on contact with eyes.

Ingestion: This material is not considered toxic.

Delayed Effects: ND

Medical Conditions
Aggravated by Exposure ND

6. FIRST AID MEASURES

See Addendum:

PAGE #:

Inhalation: Remove to fresh air.

Skin Contact: Flush all affected areas with soap and water. Wash contaminated clothing before reuse. Get medical attention if irritation persists after washing.

Eye Contact: Immediately flush the eyes with large quantities of running water for a minimum of 15 minutes. Obtain medical attention.

Ingestion: If conscious, drink 2 to 6 glasses of water and induce vomiting. Continue until vomited fluid is clear. Call a physician or the nearest Poison Control Center.

NOTES TO PHYSICIAN: Treat Symptomatically

7. REACTIVITY DATA

See Addendum:

PAGE #:

Stability: Stable

Incompatibility: None
(materials to avoid)

Hazardous Combustion or
Decomposition Products None

Hazardous Polymerization: Will not occur.

Conditions to Avoid: Temperatures over 1000 F. Store material in dry, tightly closed containers.

8. SPILL OR LEAK PROCEDURES

See Addendum:

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Actions to take for
Leaks & Spills Wear protective clothing, goggles and dust mask. Use gloves to protect hands from cuts. Sweep up spilled material and place in container for reuse or disposal. Flush spill area with water to remove traces.

Waste Disposal Method: Use D.O.T. approved containers for waste disposal. Dispose of all waste according to Federal, State, and Local regulations.



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9. SPECIAL PROTECTION INFORMATION

See Addendum:

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Respiratory Protection: NIOSH approved respirator in the absence of adequate environmental controls at the point of use.

Eye Protection: Chemical goggles and face shield.

Skin Protection: Material may have sharp edges, wear gloves adequate to protect from cuts.

Other Clothing: Rubber apron and protective clothes.

Other Equipment: Eye wash station

Engineering Controls: Normal

10. HANDLING AND STORAGE

See Addendum:

Ref. PAGE:

Special Precautions: Store in a dry protected location. Keep container closed when not in use. Use gloves to protect hands.

Other Precautions: An eyewash and safety shower should be nearby and ready for use.

11. REGULATORY INFORMATION

See Addendum:

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Workplace Classification: ANSI/NSF: Certified under the following NSF Standards: NSF Standard 60-Drinking Water Treatment Chemicals-Health Effects. NSF Standard 42-Drinking Water Treatment Units-Aesthetic Effects

12. TOXICOLOGICAL INFORMATION

See Addendum:

Ref. PAGE:

Acute Data: NE

**Reproductive /
Teratology Data** NE

13. ECOLOGICAL INFORMATION

See Addendum:

Ref. PAGE:

Fate in the Environment: ND

14. DISPOSAL CONDITIONS

See Addendum:

Ref. PAGE:

Procedures: Dispose of all waste according to Federal, State, and Local regulations.

15. TRANSPORTATION INFORMATION

See Addendum:

Ref. PAGE:

DOT Classification: NON-DOT REGULATED WATER TREATMENT COMPOUND, DRY

Warning Labels: NONE



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ADDENDUM for Section - 11. REGULATORY INFORMATION - Ref. Pg. 3

RCRA Status: No RCRA listed hazardous constituents

CERCLA Status: Not Regulated

SARA/Title III- Section 304 Emergency notification reporting. This product does not contain a Section 304 listed hazardous substance for emergency release notification.

SARA/Title III- Section 313 Toxic chemical release reporting. This product does not contain a Section 313 listed toxic chemical subject to release reporting requirements.

California Proposition 65 Status- This product does not contain chemicals currently on the California list of known carcinogens and/or reproductive toxins.

ADDENDUM for Section -

NA = Not Applicable

ND = Not Determined

NE = Not Established

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ADDENDUM for Section -