

MATERIAL SAFETY DATA SHEET

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PRODUCT NAME: BT-501L

MSDS NUMBER: 32002BT501L

PRODUCT CODE: BOILER WATER TREATMENT

MSDS DATE: 3/20/02

KEY NUMBER: BT-501L

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



Advanced Chemical Technology, Inc.

10743 Edison Court • Rancho Cucamonga, CA 91730 USA

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

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

HEALTH	1	Slightly Hazardous
FIRE	0	Will Not Burn
REACTIVITY	1	Unstable if Heated
SPECIFIC		-

1. IDENTIFICATION

See Addendum: Ref. PAGE:

Chemical Name: BT-501L

Chemical Family: BOILER WATER TREATMENT

CAS #: MIXTURE

Chemical Formula: MIXTURE

CAS Name: MIXTURE

Molecular Weight: MIXTURE

Synonyms / Common Name: CATALYZED SODIUM SULFITE, OXYGEN SCAVENGER

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

2. PHYSICAL DATA

See Addendum: Ref. PAGE:

Appearance: Granular crystals or powder

Color: Tan

State: Crystals or Powder

Odor Characteristics: Woody

pH: NA

Viscosity: NA

Specific Gravity (Water = 1): ND

Vapor Density (Air = 1): NA

Vapor Pressure: NA

Melting Point: Decomposes

Boiling Point: NA

Flash Point: NA

Freezing Point: NA

Percent Volatility: NA

Evaporation Rate (BAc = 1): NA

Solubility in Water: Soluble

Solubility in Oil: ND

Solubility in Acetone: ND

3. INGREDIENTS - HAZARDOUS

See Addendum: Ref. PAGE:

Material / Components	CAS #:	CAS Name	TLV Units	Approx. %
Sodium Sulfite	7757-83-7	Sodium Sulfite	NE	95

4. FIRE AND EXPLOSION HAZARD DATA

See Addendum: Ref. PAGE:

Flash Point: NA

Flammable Limits in Air % by volume: Lower NA Upper NA

Extinguishing Media: Water spray, foam, carbon dioxide or dry chemical for fires in storage areas.

Special Fire Fighting Procedures: Keep container cool with water spray. Fire Fighters should wear self-contained breathing apparatus and full protective clothing.

Unusual Fire & Explosion Hazards: Dried residue can thermally decompose, giving off irritating fumes.

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5. HEALTH HAZARD DATA See Addendum:

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Threshold Limit Value: NE

Effects of Overexposure:**Inhalation:** May cause respiratory tract irritation**Skin Contact:** Causes skin irritation. May cause a more serious response if confined to the skin or if the skin is abraded. A single prolonged exposure is not likely to result in harmful quantities being absorbed.**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: If breathing stops, give artificial respiration. Call a physician immediately.**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:** None.**7. REACTIVITY DATA** See Addendum:

PAGE #:

Stability: Stable**Incompatibility: (materials to avoid)** Compatible with most boiler water treatment compounds at use dosages, do not mix with other industrial chemicals. Stay away from strong oxidizers and strong acids.**Hazardous Combustion or Decomposition Products** Sulfur oxides.**Hazardous Polymerization:** Will not occur.**Conditions to Avoid:** Do not mix with other industrial chemicals.**8. SPILL OR LEAK PROCEDURES** See Addendum:

PAGE #:

Actions to take for Leaks & Spills Wear protective clothing, goggles and dust mask. 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: Rubber gloves.

Other Clothing: Rubber apron and protective clothes.

Other Equipment: None

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.

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

11. REGULATORY INFORMATION

See Addendum:

Ref. PAGE: 4

Workplace Classification: ND

12. TOXICOLOGICAL INFORMATION

See Addendum:

Ref. PAGE:

Acute Data: ND

**Reproductive /
Teratology Data** ND

13. ECOLOGICAL INFORMATION

See Addendum:

Ref. PAGE:

Fate in the Environment: NE

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.

TSCA Inventory Status- All chemical components are listed on TSCA Inventory.

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 -