



# AKRON DISPERSIONS, INC.

## MATERIAL SAFETY DATA SHEET

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### SECTION 1 PRODUCT IDENTIFICATION & EMERGENCY INFORMATION

PRODUCT NAME: **Bostex 561 / Bostex 561CF**

CHEMICAL NAME: Aqueous Mixture of Zinc Diethyldithiocarbamate (CAS# 14324-55-1), Sodium Salts of Polymerized Alkyl naphthalenesulfonic Acid (CAS# 9084-06-4/36290-04-7)

MANUFACTURER: Akron Dispersions, Inc.  
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Akron, Ohio 44321

TELEPHONE NUMBER: (330)666-0045

EMERGENCY TELEPHONE NUMBER: (330)666-0045

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### SECTION 2 HAZARDOUS INGREDIENT INFORMATION

Zinc Diethyldithiocarbamate (CAS# 14324-55-1)

Formaldehyde (CAS# 50-00-0): <0.0013%

Naphthalene (CAS# 91-20-3): <0.00052%

Quinoline (CAS# 91-22-5): <0.0052%

### SECTION 3 HAZARDS IDENTIFICATION

Health Hazards (Acute and Chronic): May cause irritation to skin and eyes. Do not drink alcoholic beverages immediately before or after handling—may cause violent nausea and vomiting. May cause skin sensitization. May contain <0.0013% Formaldehyde, <0.00052% Naphthalene, and <0.0052% Quinoline, known to the State of California to cause cancer.

HMS: Health-1 Flammability-0 Reactivity-0 Personal Protection-B

### SECTION 4 FIRST AID MEASURES

Eye Contact: Flush with large amounts of water for at least 15 minutes. Consult a physician if irritation persists.

Skin Contact: Wash affected area with soap and water. Consult a physician if irritation persists.

Inhalation: Remove to fresh air. If breathing is difficult, seek medical attention.

Ingestion: Seek medical attention.

### SECTION 5 FIRE & EXPLOSION HAZARD

Flashpoint: N/D Flammable Limits: N/D

General Hazard: Wear MSHA-NIOSH approved Self-Contained Breathing Apparatus

Extinguishing Media: CO<sub>2</sub>, Dry Chemical, Waterspray, Foam

Decomposition Products Under Fire Conditions: Oxides of Carbon, Nitrogen, Zinc, Sulfur, and Sodium

**SECTION 6 ACCIDENTAL RELEASE MEASURES**

Steps To Be Taken In Case Material Is Released Or Spilled: Absorb with inert material. Sweep, vacuum, or shovel into appropriate container.

**SECTION 7 HANDLING AND STORAGE**

Storage: Store in a cool, dry area.

Storage Temperature: Above 32°F

**SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION**

OSHA Regulation 29CFR1910.1000 requires the following PEL Limits: N/D

The ACGIH recommends the following Occupational Exposure Limit: N/D

Personal Protection: Gloves and Goggles recommended

Ventilation: Local Exhaust

**SECTION 9 TYPICAL PHYSICAL & CHEMICAL PROPERTIES**

Product Appearance: Cream to Off-White Liquid

Boiling Point(°F): 212

Vapor Pressure(@150°C): N/A

Vapor Density: N/A

Solubility in Water: Miscible

pH: 9.0-11.0

Freezing Point(°F): 32

Specific Gravity(Approx.): N/D

% Volatile by Volume: 50%

Evaporation Rate: N/A

**SECTION 10 STABILITY AND REACTIVITY DATA**

Stability: Stable

Conditions To Avoid Instability: None Known

Materials And Conditions To Avoid Incompatibility: Acids, Oxidizing Agents

Hazardous Decomposition Products: Oxides of Carbon, Nitrogen, Zinc, Sulfur, and Sodium

Hazardous Polymerization: Will Not Occur

Conditions To Avoid Hazardous Polymerization: None Known

**SECTION 11 TOXICOLOGICAL INFORMATION**

Carcinogenicity(NTP/IARC/OSHA): None. May contain <0.0013% Formaldehyde, <0.00052% Naphthalene, and <0.0052% Quinoline, known to the State of California to cause cancer.

**SECTION 12 ECOLOGICAL INFORMATION**

Not determined

**SECTION 13 DISPOSAL**

Waste Disposal Method: Dispose per Local, State, and Federal Regulations. Per EPA regulations effective December 23, 1996, certain dithiocarbamates were delisted and this material is no longer considered a hazardous waste upon disposal.

**SECTION 14 TRANSPORT INFORMATION**

DOT: Not a DOT controlled material(United States).

**SECTION 15 REGULATORY INFORMATION**

TSCA: All ingredients of this product appear on the TSCA Inventory  
SARA Title III-Section 313: This product contains Zinc Compounds, a listed chemical subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372.

**SECTION 16 OTHER INFORMATION**

Prepared By: D. Hunsicker  
Date: January 8, 2010

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