



3291 Sawmill Road
P.O. Box 4195
Akron, Ohio 44321
Phone: (330)666-0045 Fax: (330)666-7842

Product Data Sheet

Product: BOSTEX 561

Description: A 50% active aqueous dispersion of Zinc Diethyldithiocarbamate.

Specifications:

Appearance / Color :	Cream to Off-White
Active Solids :	50%
Total Solids :	51.0% - 55.0%
pH :	8.5 - 11.5
Viscosity :	100 - 700 cps(RVF #3 @ 10 RPMs)
Odor :	Slightly Ammoniacal
Specific Gravity(Approx.):	1.194

Storage and Handling: Store material in a cool, dry place. Protect from freezing. Contents should be adequately stirred before using to insure that the dispersion is thoroughly mixed and uniform. If a container is opened and only partially used, insure that the container lid is properly closed and secured to prevent contamination and minimize evaporation. Stock should be used on a first in-first out basis. Shelf life of the material is expected to be 1 year from date of manufacture.



AKRON DISPERSIONS, INC.

MATERIAL SAFETY DATA SHEET

Page 1 of 3

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.
3291 Sawmill Road P.O. Box 4195
Akron, Ohio 44321

TELEPHONE NUMBER: (330)666-0045

EMERGENCY TELEPHONE NUMBER: (330)666-0045

FAX: (330)666-7842

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: CO₂, 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

The information in this MSDS was compiled from sources which we believe are accurate and reliable. However, this information is provided without any warranty, expressed or implied, regarding its correctness. It is the user's responsibility to determine the suitability of any material for a specific purpose and adopt such safety precautions as may be necessary. We do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of, or in any way connected with the handling, storage, use, or disposal of this product.