



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

## Product Data Sheet

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### Product:

BOSTEX 862

### Description:

A 50% active aqueous Polyisoprene Masterbatch dispersion.

### Specifications(Tentative):

Appearance / Color :	Beige to Off-White
Active Solids :	50%
Total Solids :	50.0% - 54.0%
pH :	9.5 – 11.5
Viscosity :	400 – 1500 cps(RVF #3 @ 10 RPMs)
Mean Particle Size :	Less than 5 Microns
Odor :	Slightly Ammoniacal
Storage :	Protect from freezing. Stir before using.
Recommended Shelf Life :	6 Months



# **AKRON DISPERSIONS, INC.**

## **MATERIAL SAFETY DATA SHEET**

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### **SECTION 1 PRODUCT IDENTIFICATION & EMERGENCY INFORMATION**

**PRODUCT NAME: Bostex 862**

**CHEMICAL NAME:** Aqueous Mixture of Phenol, 4-Methyl-, Reaction Products with Dicyclopentadiene & Isobutylene(CAS# 68610-51-5), Zinc Diethyldithiocarbamate(CAS# 14324-55-1), Sulfur(CAS# 7704-34-9), Zinc Oxide(CAS# 1314-13-2), Dipentamethylene Thiuram Hexasulfide/Tetrasulfide (CAS# 971-15-3/120-54-7), 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 Oxide(CAS# 1314-13-2): Approx. 10.4%  
Zinc Diethyldithiocarbamate(CAS# 14324-55-1): Approx. 5.2%  
Lead(CAS# 7439-92-1): 0.00015%  
Cadmium(CAS# 7440-43-9): 0.00055%  
Formaldehyde(CAS# 50-00-0): <0.0015%  
Naphthalene(CAS# 91-20-3): <0.0006%  
Quinoline(CAS# 91-22-5): <0.006%

### **SECTION 3 HAZARDS IDENTIFICATION**

**Health Hazards(Acute and Chronic):** May cause irritation to skin, eyes, and respiratory tract. Do not drink alcoholic beverages immediately before or after handling-may cause violent nausea and vomiting. May cause skin sensitization or allergic eczema. May contain <0.0015% Formaldehyde, <0.0006% Naphthalene, and <0.006% Quinoline, known to the State of California to cause cancer.

**HMIS:** 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 advice.

**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, Sulfur, Sodium, and Nitrogen, Carbon and Hydrogen Sulfide

**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: Light Beige-Yellow Liquid/Ammoniacal Odor

Boiling Point(°F): N/A	Freezing Point(°F): N/A
Vapor Pressure(@ 150°C): N/A	Specific Gravity(Approx.): N/D
Vapor Density: N/A	% Volatile by Volume: 48%
Solubility in Water: Negligible	Evaporation Rate: N/A
pH: 9-12	

**SECTION 10 STABILITY AND REACTIVITY DATA**

Stability: Stable  
Conditions To Avoid Instability: None Known  
Materials And Conditions To Avoid Incompatibility: Strong Acids, Strong Bases, Oxidizing Agents, Magnesium, and Hydrocarbons. Zinc Oxide has been reported to cause a violent explosion when mixed in a chlorinated rubber batch.  
Hazardous Decomposition Products: Oxides of Carbon, Sulfur, Sodium, and Nitrogen, Carbon and Hydrogen Sulfide  
Hazardous Polymerization: Will Not Occur  
Conditions To Avoid Hazardous Polymerization: None Known

**SECTION 11 TOXICOLOGICAL INFORMATION**

Carcinogenicity(NTP/IARC/OSHA): May contain <0.0015% Formaldehyde, <0.0006% Naphthalene, and <0.006% 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

**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 Oxide(CAS# 1314-13-2), Zinc Diethyldithiocarbamate (CAS# 14324-55-1), Lead(CAS# 7439-92-1), and Cadmium(CAS# 7440-43-9), listed chemicals 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: May 23, 2011

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