



AKRON DISPERSIONS, INC.

MATERIAL SAFETY DATA SHEET

Page 1 of 3

SECTION 1 PRODUCT IDENTIFICATION & EMERGENCY INFORMATION

PRODUCT NAME: **Bostex 830**

CHEMICAL NAME: Aqueous Mixture of Phenol, 4-Methyl-, Reaction Products with Dicyclopentadiene and Isobutylene(CAS# 68610-51-5), Zinc Diethyldithiocarbamate(CAS# 14324-55-1), Zinc Oxide (CAS# 1314-13-2), Zinc 2-Mercaptobenzothiazole(CAS# 155-04-4), Sulfur(CAS# 7704-34-9), Sodium Salts of Polymerized Alkylnaphthalenesulfonic Acid(CAS# 9084-06-4)

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): Approx. 8.4%

Zinc 2-Mercaptobenzothiazole(CAS# 155-04-4): Approx. 10.5%

Zinc Oxide(CAS# 1314-13-2): Approx. 10.5%

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 and eyes. Do not drink alcoholic beverages immediately before or after handling dithiocarbamates. May cause nausea and vomiting. May cause skin sensitization. May contain <0.0015% Formaldehyde, <0.0006% Naphthalene, and <0.006% Quinoline, known to the State of California to cause cancer.

HMIS: Health-2 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 immediate 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, Sulfur, Zinc, Sodium, and Nitrogen, Butylamine and Sulfur Compounds

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, Goggles, and Apron recommended
Ventilation: Local Exhaust

SECTION 9 TYPICAL PHYSICAL & CHEMICAL PROPERTIES

Product Appearance: Yellow to Beige Liquid

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|-------------------------------|--------------------------------|
| Boiling Point(°F): 212 | Freezing Point(°F): 32 |
| Vapor Pressure(@150°C): N/A | Specific Gravity(Approx.): N/D |
| Vapor Density: N/A | % Volatile by Volume: 50% |
| Solubility in Water: Miscible | Evaporation Rate: N/A |
| pH: 8-11 | |

SECTION 10 STABILITY AND REACTIVITY DATA

Stability: Stable
Conditions To Avoid Instability: None Known
Materials And Conditions To Avoid Incompatibility: Strong Oxidizers, Strong Acids, High Temperatures, Nitrosating Agents, Alkalies, Hydrocarbons. May be corrosive to Copper, Copper Alloys, and Steel.
Hazardous Decomposition Products: Oxides of Carbon, Sulfur, Zinc, Sodium, and Nitrogen, Butylamine and Sulfur Compounds
Hazardous Polymerization: Will Not Occur
Conditions To Avoid Hazardous Polymerization: None Known

SECTION 11 TOXICOLOGICAL INFORMATION

Carcinogenicity(NTP/IARC/OSHA): NTP has reported "some evidence of carcinogenic activity" in lab animals for MBT. 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 Compounds and 2-Mercaptobenzothiazole, listed chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 21 CFR 372.

SECTION 16 OTHER INFORMATION

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

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