



# AKRON DISPERSIONS, INC.

## MATERIAL SAFETY DATA SHEET

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### SECTION 1 PRODUCT IDENTIFICATION & EMERGENCY INFORMATION

PRODUCT NAME: **Bostex 805**

CHEMICAL NAME: Aqueous Mixture of Zinc Oxide(CAS# 1314-13-2), Sulfur(CAS# 7704-34-9), N,N'-Diphenylthiourea(CAS# 102-08-09), Phenol, 4-Methyl-, Reaction Products with Dicyclopentadiene and Isobutylene(CAS# 68610-51-5), N,N'-Diphenylguanidine(CAS# 102-06-7), 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

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### SECTION 2 HAZARDOUS INGREDIENT INFORMATION

N,N'-Diphenylguanidine(CAS# 102-06-7): 3.4%

Zinc Oxide(CAS# 1314-13-2): 26.7%

Lead(CAS# 7439-92-1): 0.0007%

Cadmium(CAS# 7440-43-9): 0.0014%

Formaldehyde(CAS# 50-00-0): <0.0009%

Naphthalene(CAS# 91-20-3): <0.00035%

Quinoline(CAS# 91-22-5): <0.0035%

### SECTION 3 HAZARDS IDENTIFICATION

Health Hazards(Acute and Chronic): May cause irritation to skin and eyes. Skin sensitization may occur. May contain <0.0009% Formaldehyde, <0.00035% Naphthalene, and <0.0035% Quinoline, known to the State of California to cause cancer.

HMIS: Health-2 Flammability-0 Reactivity-0 Personal Protection-E

### 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: CO<sub>2</sub>, Dry Chemical, Waterspray, Foam  
Decomposition Products Under Fire Conditions: Oxides of Carbon, Nitrogen, Sulfur, and Sodium, Hydrogen Sulfide, Amine, Aniline

**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, Respirator, and Apron recommended  
Ventilation: Local Exhaust

**SECTION 9 TYPICAL PHYSICAL & CHEMICAL PROPERTIES**

Product Appearance: White to Off-White Liquid

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: 43%
Solubility in Water: Miscible	Evaporation Rate: N/A
pH: 9-11	

**SECTION 10 STABILITY AND REACTIVITY DATA**

Stability: Stable  
Conditions To Avoid Instability: None Known  
Materials And Conditions To Avoid Incompatibility: Strong Acids, Strong Bases, Strong Oxidizers, Magnesium, Hydrocarbons, Steel, Copper, and Copper Alloys  
Hazardous Decomposition Products: Oxides of Carbon, Nitrogen, Sulfur, and Sodium, Hydrogen Sulfide, Amine, Aniline  
Hazardous Polymerization: Will Not Occur  
Conditions To Avoid Hazardous Polymerization: None Known

**SECTION 11 TOXICOLOGICAL INFORMATION**

Carcinogenicity(NTP/IARC/OSHA): Long term exposure of test animals to DPG has produced adverse effects on reproductive parameters(abnormal sperm, low fertility, toxic to chick embryos). May contain <0.0009% Formaldehyde, <0.00035% Naphthalene, and <0.0035% 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, Lead, and Cadmium, 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: January 28, 2010

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