



AKRON DISPERSIONS, INC.

MATERIAL SAFETY DATA SHEET

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SECTION 1 PRODUCT IDENTIFICATION & EMERGENCY INFORMATION

PRODUCT NAME: **Bostex 410**

CHEMICAL NAME: Aqueous Mixture of Sulfur(CAS# 7704-34-9), Sodium Salts of Polymerized Alkyl naphthalenesulfonic Acid(CAS# 9084-06-4/36290-04-7), Ammonium Hydroxide Solution (CAS# 1336-21-6)

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

Formaldehyde(CAS# 50-00-0): <0.0014%

Naphthalene(CAS# 91-20-3): <0.00055%

Quinoline(CAS# 91-22-5): <0.0055%

SECTION 3 HAZARDS IDENTIFICATION

Health Hazards(Acute and Chronic): May cause irritation to skin and eyes. May contain <0.0014% Formaldehyde, <0.00055% Naphthalene, and <0.0055% 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 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, and Sodium, 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: Yellow to Tan 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: 32%
Solubility in Water: Miscible	Evaporation Rate: N/A
pH: 7-11	

SECTION 10 STABILITY AND REACTIVITY DATA

Stability: Stable
Conditions To Avoid Instability: None Known
Materials And Conditions To Avoid Incompatibility: Oxidizing Agents, Alkalies, Hydrocarbons. Corrosive to copper, copper alloys, and steel.
Hazardous Decomposition Products: Oxides of Carbon, Sulfur, and Sodium, Hydrogen Sulfide
Hazardous Polymerization: Will Not Occur
Conditions To Avoid Hazardous Polymerization: None Known

SECTION 11 TOXICOLOGICAL INFORMATION

Carcinogenicity(NTP/IARC/OSHA): None. May contain <0.0014% Formaldehyde, <0.00055% Naphthalene, and <0.0055% 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 does not contain a toxic chemical in excess of 1% of the mixture(0.1% if a listed carcinogen).

SECTION 16 OTHER INFORMATION

Prepared By: D. Hunsicker
Date: January 7, 2010

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