



AKRON DISPERSIONS

3291 Sawmill Road
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Phone: 330-666-0045
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Product Data Sheet

Product:

BOSTEX 773

Description:

A 50% active aqueous dispersion of Tetramethylthiuram Disulfide and Zinc Oxide.

Specifications(Tentative):

Appearance / Color :	Off-White
Active Solids :	50%
Total Solids :	50.0% – 54.0%
pH :	9.0 – 11.0
Viscosity :	500 – 2000 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 773 (50% TMTD/Zinc Oxide Dispersion)

CHEMICAL NAME: Aqueous Mixture of Tetramethylthiuram Disulfide(CAS# 137-26-8), Zinc Oxide (CAS# 1314-13-2), Sodium Salts of Polymerized Alkylphthalenesulfonic Acid (CAS# 9084-06-4/36290-04-7)

MANUFACTURER: Akron Dispersions, Inc.
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SECTION 2 HAZARDOUS INGREDIENT INFORMATION

Tetramethylthiuram Disulfide(CAS# 137-26-8): <24.9%

Zinc Oxide(CAS# 1314-13-2): <25%

Lead(CAS# 7439-92-1): <0.0003%

Cadmium(CAS# 7440-43-9): <0.0013%

Formaldehyde(CAS# 50-00-0): <0.001%

Naphthalene(CAS# 91-20-3): <0.0004%

Quinoline(CAS# 91-22-5): <0.004%

SECTION 3 HAZARDS IDENTIFICATION

Health Hazards(Acute and Chronic): May cause irritation to skin and eyes. Skin sensitization may occur.

Alcohol enhances effects. Inform doctor if patient has used alcohol within 48 hours. May contain <0.001% Formaldehyde, <0.0004% Naphthalene, and <0.004% Quinoline, known to the State of California to cause cancer.

HMIS: Health-2 Flammability-1 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, Sodium, and Nitrogen

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: Off-White 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: 49%
Solubility in Water: Negligible	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
Hazardous Decomposition Products: Oxides of Carbon, Sulfur, Sodium, and Nitrogen,
Hazardous Polymerization: Will Not Occur
Conditions To Avoid Hazardous Polymerization: None Known

SECTION 11 TOXICOLOGICAL INFORMATION

Carcinogenicity(NTP/IARC/OSHA): None. May contain <0.001% Formaldehyde, <0.0004% Naphthalene, and <0.004% 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. TMTD(Tetramethylthiuram Disulfide) is considered a Hazardous Waste, Hazardous Waste U244.

SECTION 14 TRANSPORT INFORMATION

DOT Classification: UN3082, Environmentally Hazardous Substance, Liquid, N.O.S.(Tetramethylthiuram Disulfide), 9, PG III

IMDG/IMO: Marine Pollutant

RQ: 10 lbs. as Tetramethylthiuram Disulfide

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, Lead, Cadmium, and Thiram, 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: March 10, 2011

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