



# AKRON DISPERSIONS, INC.

## MATERIAL SAFETY DATA SHEET

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### SECTION 1 PRODUCT IDENTIFICATION & EMERGENCY INFORMATION

PRODUCT NAME: **Bostex 552**

CHEMICAL NAME: Aqueous Mixture of Tetramethylthiuram Disulfide(CAS# 137-26-8), 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

TELEPHONE NUMBER: (330)666-0045

EMERGENCY TELEPHONE NUMBER: (330)666-0045

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### SECTION 2 HAZARDOUS INGREDIENT INFORMATION

Tetramethylthiuram Disulfide(CAS# 137-26-8): 50%

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

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 eyes, skin, and respiratory tract. Alcohol enhances these effects. Thiram has been found to be mutagenic in some test systems and to cause adverse reproductive effects in lab animals. May contain <0.0009% Formaldehyde, <0.0004% Naphthalene, and <0.004% 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: Get medical attention. Inform doctor if patient has used alcohol within 48 hours. Prohibit alcohol for 10 days.

### 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, and Sulfur, Carbon Disulfide, Hydrogen Sulfide, Aldehydes

**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 Cream-Colored Liquid

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: 50%
Solubility in Water: Miscible	Evaporation Rate: N/A
pH: 8.5-10.5	

**SECTION 10 STABILITY AND REACTIVITY DATA**

Stability: Stable  
Conditions To Avoid Instability: None Known  
Materials And Conditions To Avoid Incompatibility: Strong Oxidizers, Strong Acids, Copper, Nitrosating Agents  
Hazardous Decomposition Products: Oxides of Carbon, Nitrogen, and Sulfur, Carbon Disulfide, Hydrogen Sulfide, Aldehydes  
Hazardous Polymerization: Will Not Occur  
Conditions To Avoid Hazardous Polymerization: None Known

**SECTION 11 TOXICOLOGICAL INFORMATION**

Carcinogenicity(NTP/IARC/OSHA): None. May contain <0.0009% 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 Thiram(CAS# 137-26-8), a listed chemical 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: November 9, 2010

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