



# **AKRON DISPERSIONS, INC.**

## **MATERIAL SAFETY DATA SHEET**

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### **SECTION 1 PRODUCT IDENTIFICATION & EMERGENCY INFORMATION**

PRODUCT NAME: **Bostex 248**

CHEMICAL NAME: Aqueous Mixture of Casein, 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**

Ammonium Hydroxide - 2.1%

### **SECTION 3 HAZARDS IDENTIFICATION**

Health Hazards(Acute and Chronic): Prolonged exposure may cause burns to skin and eyes or respiratory tract irritation.

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 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: Ammonia, Hydrogen, and Nitrogen Gases

**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: Milky-Tan Liquid/Ammoniacal Odor

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: 90%
Solubility in Water: Miscible	Evaporation Rate: N/A
pH: 10-11	

**SECTION 10 STABILITY AND REACTIVITY DATA**

Stability: Stable  
Conditions To Avoid Instability: None Known  
Materials And Conditions To Avoid Incompatibility: Acids, Hypochlorites, Sodium Hydroxide, Bronze, Galvanized Surfaces, Copper, Gold, Brass, Aluminum Alloys, Mercury, Silver  
Hazardous Decomposition Products: Ammonia, Hydrogen, and Nitrogen Gases  
Hazardous Polymerization: Will Not Occur  
Conditions To Avoid Hazardous Polymerization: None Known

**SECTION 11 TOXICOLOGICAL INFORMATION**

Carcinogenicity(NTP/IARC/OSHA): None.

**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 Ammonium Hydroxide, 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: January 7, 2010

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