



AKRON DISPERSIONS

3291 Sawmill Road

P.O. Box 4195

Akron, Ohio 44321

Phone: 330-666-0045

Fax: 330-666-7842

Product Data Sheet

Product:

BOSTEX 248

Description:

A 10% active Ammonium Caseinate solution.

Specifications:

| | |
|--------------------------|--|
| Appearance / Color : | Milky Tan Liquid |
| Active Solids : | 10% |
| Total Solids : | 8.5% - 9.5% (1% Volatile) |
| pH : | 10.0 - 11.0 |
| Odor : | 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 248**

CHEMICAL NAME: Aqueous Mixture of Casein, Ammonium Hydroxide Solution(CAS# 1336-21-6)

MANUFACTURER: Akron Dispersions, Inc.

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TELEPHONE NUMBER: (330)666-0045

EMERGENCY TELEPHONE NUMBER: (330)666-0045

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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: CO₂, 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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