Product Data Sheet

Product: BOSTEX 378

Description: A 50% active aqueous dispersion of Rubermaker's Sulfur.

Specifications:

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance / Color</td>
<td>Yellow to Tan Liquid</td>
</tr>
<tr>
<td>Active Solids</td>
<td>50%</td>
</tr>
<tr>
<td>Total Solids</td>
<td>49.5% - 53.5%</td>
</tr>
<tr>
<td>pH</td>
<td>9.0 - 10.5</td>
</tr>
<tr>
<td>Viscosity</td>
<td>700 - 1500 cps (RVF #3 @ 10 RPMs)</td>
</tr>
<tr>
<td>Mean Particle Size</td>
<td>Less than 5 Microns</td>
</tr>
<tr>
<td>Odor</td>
<td>Slightly Ammoniacal</td>
</tr>
<tr>
<td>Specific Gravity(Approx.)</td>
<td>1.198</td>
</tr>
</tbody>
</table>

Storage and Handling: Store material in a cool, dry place. Protect from freezing. Contents should be adequately stirred before using to insure that the dispersion is thoroughly mixed and uniform. If a container is opened and only partially used, insure that the container lid is properly closed and secured to prevent contamination and minimize evaporation. Stock should be used on a first in-first out basis. Shelf life of the material is expected to be 1 year from date of manufacture.

Revised: 04/09/14        Supersedes: 11/25/13        Revised by: Diane M. Hunsicker
SECTION 1  PRODUCT IDENTIFICATION & EMERGENCY INFORMATION

PRODUCT NAME: Bostex 378
CHEMICAL NAME: Aqueous Mixture of Sulfur(CAS# 7704-34-9), Sodium Salts of Polymerized Alkynaphthalenesulfonic Acid(CAS# 9084-06-4/36290-04-7)
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): <0.0008%
% Naphthalene(CAS# 91-20-3): <0.00032%
% Quinoline(CAS# 91-22-5): <0.0032%

SECTION 3  HAZARDS IDENTIFICATION

Health Hazards(Acute and Chronic): May cause irritation to skin and eyes. May contain <0.0008%
Formaldehyde, <0.00032% Naphthalene, and <0.0032% 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: 50%
Solubility in Water: Miscible 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: 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 <0.0008% Formaldehyde, <0.00032% Naphthalene, and <0.0032% 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: November 25, 2009

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