

# Material Safety Data Sheet

May be used to comply with  
OSHA's Hazard Communication Standard,  
29 CFR 1910.1200. Standard must be  
consulted for specific requirements.

# U.S. Department of Labor

Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB. No. 1218-0072



IDENTITY (As Used on Label and List) **BG20 (21) (22) Fiber Coat** *Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the spaces must be marked to indicate that.*

## Section I

Manufacturer's Name <b>Theatre Effects</b>	Emergency Telephone Number <b>301-491-1387</b>
Address (Number, Street, City, State, and ZIP Code) <b>642 Frederick Street</b>	Telephone Number for Information <b>301-791-7646</b>
<b>Hagerstown, Maryland 21740-6815</b>	Date Prepared <b>6/22/01</b>
	Signature of Preparer (optional)

## Section II -- Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity: Common name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
<b>Ammonium Sulfamate</b> (Sulfuric Acid • Monoammonium Salt • Amicide • Ammat • Ammonium Amidosulfonate)	<b>15 mg/m<sup>3</sup></b>	<b>TWA: 15 mg/m<sup>3</sup></b>	<b>None known</b>	
<b>Boric Acid</b>	<b>Not established</b>	<b>Not established</b>	<b>None known</b>	

## Section III -- Physical/Chemical Characteristics

Boiling Point <b>approximately 100°C</b>	Specific Gravity (H <sub>2</sub> O = 1) <b>1.07</b>
Vapor Pressure (mm Hg.) <b>Not available</b>	Melting Point <b>Not available</b>
Vapor Density (AIR = 1) <b>Not available</b>	Evaporation Rate (Butyl Acetate = 1) <b>Not available</b>
Solubility in Water <b>Completely soluble.</b>	
Appearance and Odor <b>Clear appearance. Slight odor.</b>	

## Section IV -- Fire and Explosion Hazard Data

Flash point (Method used) <b>N/A</b>	Flammable Limits <b>N/A</b>	LEL <b>N/A</b>	UEL <b>N/A</b>
Extinguishing Media <b>Water spray or fog (do not use water jet), carbon dioxide, dry chemical, foam.</b>			
Special Fire Fighting Procedures <b>Firefighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes.</b>			
Unusual Fire and Explosion Hazards <b>Potentially toxic and irritating fumes.</b>			

**Section V -- REACTIVITY DATA**

Stability	Unstable		Conditions to Avoid	Not available
	Stable	X		

Incompatibility (*Materials to Avoid*) **Highly reactive with oxidizing and reducing agents. Slightly reactive to organic acids and alkalis.**

Hazardous Decomposition or Byproducts **Not available**

Hazardous Polymerization	May Occur		Conditions to Avoid	Not available
	Will Not Occur	X		

**Section VI -- Health Hazard Data**

Route(s) of Entry: Inhalation?  Skin?  Ingestion?

Health Hazards (*Acute and Chronic*) **(Acute) Inhalation: Hazardous Skin/Eye Contact: Irritant. Ingestion: Hazardous (Chronic) No chronic health effects are expected from normal use of this product.**

Carcinogenicity: **Not known** NTP? **Not available** ARC Monographs? **Not available** OSHA Regulated? **No**

Signs and Symptoms of Exposure **Skin/Eye Contact: Irritation**

Medical Conditions Generally Aggravated by Exposure **Not known**

Emergency and First Aid Procedures **Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Obtain medical attention. Skin Contact: Immediately flush with plenty of soap and water. Remove contaminated clothing. Wash clothing before reuse. If irritation persists, seek medical attention. Ingestion: Do not induce vomiting. Give large amounts of milk or water. Call a physician. Never give anything by mouth to an unconscious person.**

**Section VII -- Precautions for Safe Handling and Use**

Steps to Be taken in Case Material is Released or Spilled **Dike area to prevent spreading. Spills should be taken up with suitable absorbent and placed in containers. Spill area can be washed with water. Collect wash water for approved disposal. Utilize recommended protective clothing. Eliminate all sources of ignition.**

Waste Disposal Method **Dispose of in accordance with local, state and federal regulations.**

Precautions to be Taken in Handling and Storing **Avoid skin and eye contact. Avoid breathing fumes. Remove contaminated clothing and wash before reuse. Store in a cool location. Keep container closed when not in use.**

Other Precautions **Maintain a good personal hygiene.**

**Section VIII -- Control Measures**

Respiratory Protection ( <i>Specify Type</i> )	<b>Wear MSHA/NIOSH-approved respirator when ventilation is inadequate.</b>	Special	N/A
Ventilation	Local Exhaust	X	Other
	Mechanical ( <i>General</i> )		N/A
	<b>If necessary to keep airborne vapor concentration below threshold limit value.</b>		
Protective Gloves	<b>Rubber or plastic impervious gloves.</b>	Eye Protection	<b>Liquid chemical goggles. Contact lenses should not be worn.</b>
Other Protective Clothing or Equipment	<b>Adequate protective clothes, eyewash fountain. Emergency shower in close proximity.</b>		
Work/Hygienic Practices	<b>Wash thoroughly before handling any food. Keep out of reach of children.</b>		