

**MATERIAL SAFETY DATA SHEET****MGP168 B**

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**1. PRODUCT AND COMPANY IDENTIFICATION**

TRADE NAME: Mountain Grout  
PRODUCT NAME: MGP168 B

**DISTRIBUTED BY**

Green Mountain International, LLC  
235 Pigeon Street  
Waynesville, NC 28786  
800-942-5151 US/Canada \* 828-456-9970 International

**24 HOUR EMERGENCY TELEPHONE NUMBER**

Chemtrec: United States 800-424-9300  
International 703-527-3887

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**2. COMPOSITION / INFORMATION ON INGREDIENTS**

<u>Chemical Name</u>	<u>Wt.%</u>	<u>CAS</u>
Dipropylene glycol	<= 20	25265-71-8
6-Methyl-2,4-Bis(Methylthio)Phenylele-1,3-Diamine	<= 20	106264-79-3
N,N'-dialkylamino-diphenylmethane	<= 10	5285-60-9

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**3. HAZARDS IDENTIFICATION****EMERGENCY OVERVIEW**

**PHYSICAL APPEARANCE:** Colorless to pale yellow liquid.

**IMMEDIATE CONCERNS:** Irritating to eyes, skin, gastrointestinal tract, and respiratory system.

**POTENTIAL HEALTH EFFECTS**

**EYES:** May cause mild irritation.

**SKIN:** May cause mild irritation.

**INGESTION:** Ingestion may cause irritation of the gastrointestinal tract and gastrointestinal discomfort with any or all of the following symptoms: nausea, vomiting, lethargy, or diarrhea.

**INHALATION:** Inhalation of vapors or mists at high concentrations can cause respiratory tract irritation (nose, throat, lungs). Not expected in normal use.

**SIGNS AND SYMPTOMS OF OVEREXPOSURE**

**EYES:** Contact may cause mild irritation consisting of transient redness, swelling, and mucous membrane discharge to the conjunctiva.

**SKIN:** Contact may cause moderate irritation consisting of transient redness and/or swelling.

**INGESTION:** Ingestion may cause gastrointestinal discomfort.

INHALATION: Chronic inhalation may result in discomfort in nose, throat, and lungs.

ROUTES OF ENTRY: Skin contact, eye contact, ingestion.

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#### 4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get medical attention if irritation persists.

SKIN: Remove contaminated clothing. Wash affected areas thoroughly with soap and water. Wash clothing thoroughly before reuse. Seek medical attention if swelling or redness occurs, or if irritation persists after being washed.

INGESTION: Give 1 to 2 cups of water to drink. Never give anything by mouth to a drowsy or unconscious person. Contact a physician or poison control center for advice about whether to induce vomiting. Seek immediate medical attention.

INHALATION: Remove individual from exposure, keep warm and at rest. If dizzy or shows signs of respiratory distress, get immediate medical attention.

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#### 5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: > 200 °F (Closed Cup)

EXTINGUISHING MEDIA: Dry Chemical, Carbon Dioxide, Foam, Water Fog.

Direct water stream may cause frothing if liquid is burning, but it still may be a useful extinguishing agent if carefully applied to the fire.

HAZARDOUS COMBUSTION PRODUCTS: Carbon Monoxide, Carbon Dioxide, Nitrogen Oxides and Sulfur Oxides

FIRE FIGHTING PROCEDURES: Isolate fuel supply from fire. Use water spray to cool fire-exposed surfaces and containers. Avoid spreading burning liquid with water used for cooling purposes. Fire fighters should wear self-contained breathing apparatus in addition to emergency fire fighting protective clothing.

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#### 6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Clean up spills wearing proper personal protective equipment. (See section 8)

Absorb with dry chemical absorbent, earth, sand, or any other inert material. Place in a chemical waste container.

LARGE SPILL: Eliminate all ignition sources. Evacuate and ventilate the area. Create a dike or trench to contain materials. Prevent entry into waterways, sewers, basements or confined areas. Clean-up personnel should wear appropriate personal protection equipment. (see section 8) May be a slipping hazard. Absorb with dry chemical absorbent, earth, sand, or any other inert material. Place in a chemical waste container. Wash residues from area with soap and water and rinse. Contaminated water should be retained and not allowed to flow into ground or surface water.

**SPECIAL PROTECTIVE EQUIPMENT:** See Section 8. Clean-up crews should always wear Personal Protective Equipment.

## 7. HANDLING AND STORAGE

**HANDLING:** Wear proper personal protective equipment. Use in a well ventilated area. Avoid smoking, bare lights, or ignition sources. Avoid physical damage to containers. Practice good hygiene procedures.

**STORAGE:** Protect from atmospheric moisture. Keep containers sealed in order to avoid contamination. Do not reseal if contaminated. Store indoors in a cool, well-ventilated area.

**STORAGE TEMPERATURE:** 60 °F – 120 °F

**SHELF LIFE:** 6 months

**SPECIAL SENSITIVITY:** Material is hygroscopic and may absorb small amounts of atmospheric moisture.

**COMMENT:** See Section 10 for more information on precautions concerning storage and handling of this material.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### EXPOSURE GUIDELINES:

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

<u>CHEMICAL NAME</u>		<u>EXPOSURE LIMITS</u>		
		<u>OSHA PEL</u> ppm mg/m <sup>3</sup>	<u>ACGIH TLV</u> ppm mg/m <sup>3</sup>	<u>SUPPLIER OEL</u> ppm mg/m <sup>3</sup>
Dipropylene glycol	<b>TWA</b>	NE	NE	
6-Methyl-2,4-Bis(Methylthio)Phenylele-1,3-Diamine	<b>TWA</b>	NE	NE	
N,N'-dialkylamino-diphenylmethane	<b>TWA</b>	NE	NE	

### KEY:

NE = Not Established

**ENGINEERING CONTROLS:** Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Wear safety glasses with side shields.

**SKIN:** Wear gloves and clothing to cover exposed skin.

**RESPIRATORY:** Use appropriate respiratory protection to protect from overexposure.

**WORK HYGIENIC PRACTICES:** Follow good normal hygiene practices. Avoid contact with skin. Avoid eating, drinking, or smoking while using this product. Wash hands thoroughly after use.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid

**ODOR:** Mild

**COLOR:** Colorless to pale yellow

**BOILING POINT:** Not Determined

**FREEZING POINT:** Not Determined

**SOLUBILITY IN WATER:** Partially soluble

**SPECIFIC GRAVITY:** 1.03 - 1.07 (water = 1) at 77 °F

**VISCOSITY:** 900 – 1200 Centipoise at 77 °F

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## 10. STABILITY AND REACTIVITY

**CONDITIONS TO AVOID:** Temperature extremes. Container contamination. Moisture.

**STABILITY:** Stable under recommended storage conditions.

**POLYMERIZATION:** Will not occur.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon Monoxide, Carbon Dioxide

**INCOMPATIBLE MATERIALS:** Strong acids, oxidizers.

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## 11. TOXICOLOGICAL INFORMATION

	ORAL LD <sub>50</sub> (rat)	DERMAL LD <sub>50</sub> (rabbit)	INHALATION LC <sub>50</sub> (rat)
Dipropylene glycol	16000 mg/kg	> 5000 mg/kg	
6-Methyl-2,4-Bis(Methylthio)Phenylele-1,3-Diamine	> 1515mg/kg	> 2000 mg/kg	
N,N'-dialkylamino-diphenylmethane	1380 mg/kg	3090 mg/kg	

**EYE EFFECTS:** Mild irritant

**SKIN EFFECTS:** Mild irritant

**CARCINOGENICITY:**

IARC: Not classified as a carcinogen.

NTP: Not classified as a carcinogen.

OSHA: Not classified as a carcinogen.

ACGIH: Not classified as a carcinogen.

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## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** This product is a marine pollutant.

COMMENTS: No testing for product as a whole.

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### 13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Disposal should be in accordance with local, state, provincial or national regulations.

EMPTY CONTAINER: Empty containers should be decontaminated and either passed to an approved drum recycler or destroyed.

RCRA HAZARD CLASS: This material is not a hazardous waste under RCRA 40 CFR 261

COMMENTS: The generation of waste should be avoided or minimized whenever possible. Chemical waste, even small quantities, should never be poured down drains, sewers or waterways. Refer to Section 6 for additional information.

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### 14. TRANSPORT INFORMATION

#### DOT (DEPARTMENT OF TRANSPORTATION)

Bulk containers are regulated as: UN3082, Environmentally Hazardous Substances, Liquid, NOS (Di-(methylthio)toluenediamine),9,III

TECHNICAL NAME: Compound Resin

AIR (ICAO/IATA): Not restricted

VESSEL (IMO/IMDG): Regulated as a marine pollutant.

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### 15. REGULATORY INFORMATION

#### UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: Immediate, Delayed

313 REPORTABLE INGREDIENTS: This product does not contain any chemical components that exceed their *de minimis* reporting levels.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

This product does not contain any chemical components reportable under CERCLA.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA REGULATORY: All ingredients are on TSCA inventory.

RCRA STATUS: Not hazardous if discarded in its purchased form. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal whether a material containing the product or derived from the product should be classified as a hazardous waste (40 CFR 261.20-24).

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**16. OTHER INFORMATION**

HMIS RATING: Health – 2\*, Flammability - 1, Physical Hazard - 0

HMIS RATING NOTES: If present, the asterisk signifies a chronic health hazard.

Rating system: 0 = low hazard to 4 = high hazard

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**KEY LEGEND INFORMATION:**

ACGIH - American Conference of Governmental Industrial Hygienists

EPA - Environmental Protection Agency

IARC - International Agency for Research on Cancer

NTP - National Toxicology Program

OEL - Occupational Exposure Limit

OSHA - Occupational Safety and Health Administration

PEL - Permissible Exposure Limit

STEL - Short Term Exposure Limit

TLV - Threshold Limit Value

TWA - Time Weighted Average

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