

# BHS Marketing

## *Western Briquette*

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### **MATERIAL SAFETY DATA SHEET**

#### **Ethylene Glycol**

Date: January 30, 2001

#### **I Company Identification**

Company Name: BHS Marketing / Western Briquette  
Mailing Address: P.O. Box 27955 SLC, UT 84127-0955  
Physical Address: 2320 West Indiana Ave. SLC, UT 84104  
Telephone: (801) 973-8232  
Fax: (801) 973-8838  
Emergency Number: Chemtrec (800) 424-9300

#### **II Product Identification**

Product Name: Ethylene Glycol  
Cas Number: 000107-21-1  
Percentage: >99  
TLV Source: 50 ppm

#### **III Typical Physical Properties**

Physical Appearance: Clear  
Odor: Slight odor  
Boiling Point: 387.1 F  
Melting Point: Not known  
Specific Gravity: (H<sub>2</sub>O = 1) 1.1155 @ 20/20 C  
Evaporation Rate: >1  
Vapor Density: (Air = 1) 2.14  
Vapor Pressure: (mm Hg) 0.12 @ 25 C

#### **IV Reactivity Data**

Chemical Stability: Will ignite in air at 775 F, 413 C  
Conditions to Avoid: Avoid unintended contact with acid and bases  
Hazardous Decomposition  
Products: N/A  
Hazardous Polymerization: Will not occur

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### **V Fire and Explosion Hazard Data**

Flashpoint:	247 F, 119 C			
Extinguishing Media:	Water fog or fine spray. Alcohol resistant foams (ATC type)			
	preferred			
Special Firefighting Procedures:	None			
NFPA Ratings (Scale 0-4):	<u>Health:</u>	<u>Fire:</u>	<u>Reactivity:</u>	<u>Other:</u>
	1	1	0	
Unusual Fire and Explosion Hazards:	N/A			
Acute:				
Eye Contact:	May cause slight transient (temporary) eye irritation			
Skin Contact:	Essentially nonirritating to skin. The dermal LD50 has not been determined. Massive contact with damaged skin or of material sufficiently hot to burn skin may result in absorption of potentially lethal amounts			
Ingestion:	Single dose oral toxicity is believed to be moderate. The lethal dose in humans is estimated to be 100 ml (3 ounces) for ethylene glycol			
Inhalation:	At room temperature, vapors are minimal due to low vapor pressure			

### **VI Recommended First Aid Measures**

Eye Exposure:	Flush eyes with plenty of water
Skin Exposure:	Wash off with flowing water
Inhalation Exposure:	Remove to fresh air
Ingestion Exposure:	INDUCE VOMITING IMMEDIATELY. GET MEDICAL ATTENTION

### **VII Accidental Release Measures**

Containment of Spills:	Contain small spills with dry absorbent. Dispose of according to federal, state, and local regulations
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### **VIII Handling & Storage**

Handling: Wear chemical goggles, rubber gloves, and protective clothing. **KEEP OUT OF REACH OF CHILDREN**

Storage: Store in a cool, dry place. Keep from freezing

### **IX Exposure Controls/ Personal Protection**

Appropriate Hygienic Practices: As part of good industrial, personal hygiene and safety procedure, avoid all unnecessary exposure to the product and ensure prompt removal from eyes, skin and clothing. Maintain good housekeeping to control dust accumulations.

#### **Personal Protection Equipment**

Eye Protection: Wear goggles or face shield

Skin Protection: Wear neoprene or rubber gloves, boots apron, have safety shower and eyewash station nearby

Respiratory Protection: None required

Ventilation Protection: Local exhaust

### **X Additional Information**

The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, expressed or implied, regarding its accuracy and/or completeness. User should consult experts in their review of this MSDS prior to use of the product.

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\*n/a= Not Applicable