

## MATERIAL SAFETY DATA SHEET

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Barrier-1 Inc.  
2582 South Maguire Road  
Suite 254  
Ocoee, Florida 34761

DATE PREPARED: 24 January 2007

EMERGENCY PHONE: 407.484.2604

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### IDENTIFICATION

PRODUCT: BARRIER-1 TOPICAL SYSTEM

CHEMICAL FAMILIES: A. Silicates  
B. Hydroxides

HAZARD: No evidence of health hazards exist.

CARCINOGENIC INGREDIENTS: None IARC: Monographs

### WARNING STATEMENTS

May irritate eyes. Prolonged exposure may irritate skin.

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### PHYSICAL DATA

APPEARANCE: Colorless

SPECIFIC GRAVITY: (H<sub>2</sub>O = 1) 1.113

SOLUBILITY IN WATER: Soluble 100%

VAPOR PRESSURE: N/A

VAPOR DENSITY: N/A

BOILING POINT: N/A

EVAPORATION RATE: N/A

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### FIRE AND EXPLOSION HAZARDS

Non-flammable, water based product. In store area use water, dry chemical, CO2 or foam.

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### REACTIVITY DATA

Stable. No conditions to avoid. Product is alkaline: Avoid contact with acid

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### HEALTH HAZARD INFORMATION

EXPOSURE LIMITS: Avoid contact with eyes and prolonged exposure to skin

ENTRY ROUTES: A. INHALATION: YES

B. SKIN: NO

C. INGESTION: YES

SIGNS AND SYMPTOMS OF EXPOSURE: Eye and skin irritation.

In case of contact with eyes, flush immediately with water for 15 minutes.  
For skin irritation wash exposed area with soap and water.

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## PROTECTION AND CONTROL MEASURES

RESPIRATORY: None required

VENTILATION: Local exhaust

PROTECTIVE GLOVES: Any rubber glove

EYE PROTECTION: Goggles or safety glasses

OTHER PROTECTION: Clothing which will protect from skin contact

WORK/HYGENIC PRACTICES: Wash hands after handling

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## SPILL AND DISPOSAL PROCEDURES

SPILL: Mop from surface or flush with water to drain (will not harm or corrode drains, will benefit portland based materials)

WASTE DISPOSAL: Flush to drain

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## CONTROL MEASURES

SAFE HANDLING: Keep from freezing, store above 34° F