

# BARRICADE®

## FIRE GEL

### Safety Data Sheet

## Section 1 Product Description

**Product Name:** Barricade II Fire Gel

**Recommended Use:** Fire Gel Chemical- Use according to manufacturer's directions

**Synonyms:** Fire Gel or Fire Blocking Gel

**Manufacturer:** Barricade International, Inc.  
12848 SE Suzanne Drive  
Hobe Sound, FL USA 33455  
Emergency Phone Number (800) 201-3927 (24 Hours)  
Website: [www.FireGel.com](http://www.FireGel.com)  
Email-Info@FireGel.com

## Section 2 Hazard Identification

Classification of the chemical in accordance with paragraph (d) of §1910.1200;

**GHS Classification:** Not a dangerous substance according to GHS classification criteria.

**Other Safety Precautions:** Spills of Barricade Fire Gel Concentrate render surfaces extremely slippery, particularly when wetted

## Section 3 Composition / Information on Ingredients

| Chemical Name                    | CAS #         | %   |
|----------------------------------|---------------|-----|
| Barricade Fire Gel- Trade Secret | Not Available | 100 |

## Section 4 First Aid Measures

### Emergency and First Aid Procedures

**Inhalation:** In case of accident by inhalation: remove casualty to fresh air and keep at rest.

**Eyes:** In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**Skin Contact:** After contact with skin or hair, wash immediately with plenty of water and soap if available.

**Ingestion:** If swallowed, immediately give a glass of water. Do not induce vomiting. Additional first aid is not generally required. If in doubt, seek medical advice immediately and show this container or label.

## Section 5 Firefighting Procedures

**Extinguishing Media:** Use water, water spray, dry chemical, CO2 or appropriate foam.

**Fire Fighting Methods and Protection:** Firefighters should wear full protective equipment and NIOSH approved self-contained breathing apparatus.

**Fire and/or Explosion Hazards:** Spills of Barricade Fire Gel Concentrate render surfaces extremely slippery, particularly when wetted

**Hazardous Combustion Products:** Carbon dioxide (CO2), Carbon monoxide (CO) Nitrogen oxides (NOx) and other pyrolysis products typical of burning organic material

## Section 6 Spill or Leak Procedures

### Steps to Take in Case Material Is Released or Spilled:

No adverse health effects expected from the clean-up of spilled material. Follow personal protective equipment recommendations found in Section 8 of this (M)SDS.  
Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Wear complete and proper personal

protective equipment following the recommendation of Section 8 at a minimum. Dike with suitable absorbent material like granulated clay. Gather and store in a sealed container pending a waste disposal evaluation.

## Section 7 Handling and Storage

### Precautions for safe handling:

Limit all unnecessary personal contact.  
Wear protective clothing when risk of exposure occurs.  
Use in a well-ventilated area.  
Avoid contact with incompatible materials.  
When handling, **DO NOT** eat, drink or smoke.  
Keep containers securely sealed when not in use.  
Avoid physical damage to containers.  
Always wash hands with soap and water after handling.  
Work clothes should be laundered separately.  
Use good occupational work practice.

### Storage:

Keep container tightly closed in a cool, well-ventilated place

### Storage Code:

Green - general chemical storage

## Section 8 Protection Information

### Chemical Name

Barricade II Fire Gel

**(TWA)**  
N/A

### ACGIH

**(STEL)**  
N/A

### OSHA PEL

**(TWA)**  
N/A

**(STEL)**  
N/A

### Control Parameters

#### Engineering Measures:

No exposure limits exist for the constituents of this product. No engineering controls are likely to be required to maintain operator comfort under normal conditions of use. Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. Well-designed engineering controls can be highly effective in protecting workers and will typically be independent of worker interactions to provide this high level of protection.

The basic types of engineering controls are:

Process controls which involve changing the way a job activity or process is done to reduce the risk.

Enclosure and/or isolation of emission source which keeps a selected hazard "physically" away from the worker and ventilation that strategically "adds" and "removes" air in the work environment.

Ventilation can remove or dilute an air contaminant if designed properly.

The design of a ventilation system must match the particular process and chemical or contaminant in use.

Employers may need to use multiple types of controls to prevent employee overexposure. General exhaust is adequate under normal operating conditions. If risk of overexposure exists, wear SAA approved respirator. Correct fit is essential to obtain adequate protection.

### Personal Protective Equipment (PPE):

Lab coat or apron, eye protection, chemically resistant gloves



### Respiratory Protection:

No respiratory protection required under normal conditions of use.

### Eye Protection:

Safety glasses with side shields, Chemical goggles. Have an eye wash station available when handling this product.

Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. A written policy document, describing the wearing of lenses or restrictions on use, should be created for each workplace or task. This should include a review of lens absorption and adsorption for the class of chemicals in use and an account of injury experience. Medical and first-aid personnel should be trained in their removal and suitable equipment should be readily available. In the event of chemical exposure, begin eye irrigation immediately and remove contact lens as soon as practicable. Lens should be removed at the first signs of eye redness or irritation - lens should be removed in a clean environment only after workers have washed hands thoroughly. [CDC NIOSH Current Intelligence Bulletin 59], [AS/NZS 1336 or national equivalent]

**Skin Protection:**

Avoid skin contact by wearing chemically resistant gloves, an apron and other protective equipment depending upon conditions of use. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving the work place.

**Section 9****Physical Data**

**Formula:** Barricade II Fire Gel (Trade Secret)  
**Appearance:** Off white dispersion with bland odor  
**Odor:** bland  
**Odor Threshold:** No data available  
**pH:** No data available  
**Melting Point:** No data available  
**Boiling Point:** No data available  
**Flash Point:** > 500F  
**Flammable Limits in Air:** N/A

**Vapor Pressure:** No data available  
**Vapor Density (Air=1):** N/A  
**Specific Gravity:** 1.04  
**Solubility in Water:** Practically Insoluble  
**Log Pow (calculated):** No data available  
**Autoignition Temperature:** No data available  
**Decomposition Temperature:** No data available  
**Viscosity:** No data available  
**Percent Volatile by Volume:** N/A

**Section 10****Reactivity Data**

**Reactivity:** See Section 7- Not generally reactive under normal conditions.  
**Chemical Stability:** Product is considered stable under normal conditions  
**Possibility of hazardous reactions:** See Section 7  
**Conditions to Avoid:** See Section 7.  
**Incompatible materials:** See Section 7.  
**Hazardous Polymerization:** Will not occur

**Section 11****Toxicity Data**

**Routes of Entry:** Inhalation and ingestion.  
**Symptoms (Acute):** No data available **Delayed**  
**Effects:** No data available

| <b>Acute Toxicity:</b>                    | <b>CAS Number</b> | <b>Oral LD50</b> | <b>Dermal LD50</b> | <b>Inhalation LC50</b> |
|---|-------------------|------------------|--------------------|------------------------|
| <b>Chemical Name</b><br>No data available | Not listed        | Not determined   | Not determined     | Not determined         |

| <b>Carcinogenicity:</b>                   | <b>CAS Number</b> | <b>IARC</b> | <b>NTP</b> | <b>OSHA</b> |
|---|-------------------|-------------|------------|-------------|
| <b>Chemical Name</b><br>No data available | Not listed        | Not listed  | Not listed | Not listed  |

**Chronic Effects:**  
**Mutagenicity:** No evidence of a mutagenic effect.  
**Teratogenicity:** No evidence of a teratogenic effect (birth defect).  
**Sensitization:** No evidence of a sensitization effect.

**Reproductive:** No evidence of negative reproductive effects.  
**Target Organ Effects:**  
**Acute:** No information available  
**Chronic:** Not listed as a carcinogen by IARC, NTP or OSHA.

**Section 12****Ecological Data**

**Overview:** This material is not expected to be harmful to the ecology.  
**Mobility:** No data  
**Persistence:** No data  
**Bioaccumulation:** No data  
**Degradability:** No data  
**Other Adverse Effects:** No data

| <b>Chemical Name</b> | <b>CAS Number</b> | <b>Eco Toxicity</b> |
|----------------------|-------------------|---------------------|
| N/A                  | Not listed        |                     |

## Section 13

## Disposal Information

**Disposal Methods:** Dispose in accordance with all applicable Federal, State and Local regulations. Always contact a permitted waste disposer (TSD) to assure compliance.

**Waste Disposal Code(s):** Not Determined

## Section 14

## Transport Information

**Ground - DOT Proper Shipping Name:**  
Not regulated for transport by DOT

**Air - IATA Proper Shipping Name:**  
Not regulated for transport by IATA.

## Section 15

## Regulatory Information

**TSCA Status:** All components in this product are on the TSCA Inventory.

| Chemical Name     | CAS Number | § 313 Name | § 304 RQ | CERCLA RQ | § 302 TPQ | CAA 112(2) TQ |
|-------------------|------------|------------|----------|-----------|-----------|---------------|
| No data available | Not listed | No         | No       | No        | No        | No            |

## Section 16

## Additional Information

**Revised:** 06/01/2015

**Replaces:** n/a

**Printed:**

The information provided in this (Material) Safety Data Sheet represents a compilation of data drawn directly from various sources available to us. Barricade International, Inc. makes no representation or guarantee as to the suitability of this information to a particular application of the substance covered in the (Material) Safety Data Sheet.

### Glossary

|        |   |      |  |
|--------|---|------|--|
| ACGIH  | American Conference of Governmental Industrial Hygienists             | NTP  | National Toxicology Program                      |
| CAS    | Chemical Abstract Service Number                                      | OSHA | Occupational Safety and Health Administration    |
| CERCLA | Comprehensive Environmental Response, Compensation, and Liability Act | PEL  | Permissible Exposure Limit                       |
| DOT    | U.S. Department of Transportation                                     | ppm  | Parts per million                                |
| IARC   | International Agency for Research on Cancer                           | RCRA | Resource Conservation and Recovery Act Superfund |
| N/A    | Not Available   | SARA | Amendments and Reauthorization Act Threshold     |
|        |   | TLV  | Limit Value                                      |
|        |   | TSCA | Toxic Substances Control Act Immediately         |
|        |   | IDLH | dangerous to life and health                     |