

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
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

ACGIH

(TWA)
N/A

(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

Acute Toxicity:

Chemical Name	CAS Number	Oral LD50	Dermal LD50	Inhalation LC50
No data available	Not listed	Not determined	Not determined	Not determined

Carcinogenicity:

Chemical Name	CAS Number	IARC	NTP	OSHA
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:

Target Organ Effects:	No evidence of negative reproductive 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

Chemical Name	CAS Number	Eco Toxicity
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

CAS

Chemical Abstract Service Number

CERCLA

Comprehensive Environmental Response,
Compensation, and Liability Act

DOT

U.S. Department of Transportation

IARC

International Agency for Research on Cancer

N/A

Not Available

NTP

National Toxicology Program

OSHA

Occupational Safety and Health Administration

PEL

Permissible Exposure Limit

ppm

Parts per million

RCRA

Resource Conservation and Recovery Act Superfund

SARA

Amendments and Reauthorization Act Threshold

TLV

Limit Value

TSCA

Toxic Substances Control Act Immediately

IDLH

dangerous to life and health