

# SAFETY DATA SHEET

## “SOLID FOAM” FIRE FIGHTING STIK

### SECTION I. Chemical Product and Company Identification

Product Name: “Solid Foam” Fire Fighting Stik  
Product Usage: Cylindrical solid foaming agent for use in certain cartridge type fire extinguishing foam nozzles  
Distributor: Buckeye Fire Equipment Company  
110 Kings Road  
Kings Mountain, NC 28086  
Telephone: 704.739.7415  
Web Address: [www.buckeyefire.com](http://www.buckeyefire.com)  
Email Address: [bfec@buckeyef.com](mailto:bfec@buckeyef.com)  
Recommended Use: Fire Suppression, not for human or animal drug use.  
Emergency: BUCKEYE 1.817.633.3626 or 1.877.391.3626  
CHEMTREC 1.800.424.9300  
Revision Date: 03/19

### SECTION II. Hazard Identification and Emergency Overview

*GHS – Classification*

*GHS Label Elements:*

Hazard Symbols: WARNING  
Signal Word: NONE

*Hazard Statements:*

H320 Causes eye irritation

*Precautionary Statements:*

P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P234 Keep in original container.  
P264 Wash hands and face thoroughly after handling  
P301+322+331 If swallowed, drink 2-3 glasses of water and do not induce vomiting  
P302+352 If on skin, wash with soap and water  
P305+351+338 If in eyes, rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do, and continue to rinse.  
P337+313 If eye irritation persists, get medical advice/attention.  
P401+402+403 Store in original container in a dry, well ventilated place

### SECTION III. Composition/Information on Ingredients

Proprietary polymer  
Nonionic active surfactants  
Proprietary mixture of fluorosurfactants and hydrocarbon surfactants

**Note: Buckeye Solid Foam Fire Fighting Stik does not contain PFOS and will not breakdown to yield PFOA in accordance with the goals of the US EPA 2010/15 PFOA Stewardship Program.**

### SECTION IV. First Aid Measures

*Eye Exposure-* Flush eyes at eye wash station for 15 minutes and repeat until pain-free. If irritation develops or persists or vision changes occur, seek medical attention.

*Skin Exposure-* Wash with plenty of soap and water. If irritation develops or persists, seek medical attention.

*Inhalation-* If irritation develops after vapor/mist has been inhaled, move victim to fresh air. Trained personnel may administer oxygen if breathing is difficult. If irritation persists, seek medical attention.

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*Ingestion-* If victim is conscious and alert, give 2-3 glasses of water to drink. Do not leave victim unattended. Never induce vomiting or give anything by mouth if the victim is unconscious. Seek immediate medical attention.

*Medical Conditions Possibly Aggravated by Exposure-* Skin contact may aggravate existing chronic skin conditions.

### SECTION V. Firefighting Measures

*Extinguishing Media:* N/A. This product is an extinguishing agent. It is nonflammable and noncombustible.

*Special Firefighting Procedures:* N/A

*Unusual Fire and Explosion Hazards:* This product may decompose in fire and release oxides of sulfur and nitrogen as well as carbon monoxide gas (Refer to Section X).

*Sensitivity to Mechanical Impact or Static Discharge:* None

### SECTION VI. Accidental Release Measures

*Personal Precautions:* Avoid contact with skin and eyes.

*Environmental Precautions:* Avoid release of large quantities of product into sewer or waterways.

*Cleanup:* Sweep/shovel up material. Place in a suitable container for disposal. Traces of the material may be flushed away with water.

### SECTION VII. Handling and Storage

*Safe Handling:* Avoid eye, respiratory, and skin exposure. Use the appropriate personal protective equipment when handling. Wash thoroughly after handling (Refer to Section VIII).

*Safe Storage:* Product should be stored sealed in its original container in a cool, dry area. Avoid excessive heat. Use in well-ventilated areas.

### SECTION VIII. Exposure Controls and Personal Protection

*Respiratory Protection:* During the use of this product on fires, exhaust gases and products of incomplete combustion are the main respiratory hazards. The need for respiratory protection is not likely for short-term use in well-ventilated areas. Long term exposures may require the use of positive pressure supplied air respirators or self-contained breathing apparatus.

*Eye Protection:* Wear safety glasses, chemical goggles, or splash shield.

*Skin Protection:* Use nitrile, latex, or similar gloves to minimize skin contact. Good personal hygiene practices are essential. After handling the product, avoid food, tobacco products, or other means of transferring the product from hand to mouth until after thoroughly washing.

### SECTION IX. Physical and Chemical Properties

*Appearance and Odor:* Solid cylindrical shape, red color, slight ammonia/mild disinfectant odor.

*pH:* 8.0 – 9.0 (5% Aqueous Solution)

*Melting Point:* > 110° F. (Point where product shape may distort)

*Specific Gravity:* 1.066

*Flash Point:* N/A

*Flammability:* N/A

*Solubility:* 100%

### SECTION X. Stability and Reactivity

*Stability:* Stable

*Incompatibles:* Strong oxidizers and strong alkalies

*Decomposition Products:* Oxides of sulfur and nitrogen may be formed.

*Conditions to Avoid:* Temperatures above 100° F. Product shape may distort.

***Buckeye Fire Equipment***

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### SECTION XI. Toxicological Information

#### *Routes of Entry:*

Eye Contact: May cause mild transient irritation  
Skin Contact: May cause mild transient irritation and/or dermatitis  
Inhalation: Inhalation is not anticipated to be a problem  
Ingestion: May cause gastrointestinal disturbances

*Chronic Toxicity:* No data available.

### SECTION XII. Ecological Information

*Ecotoxicity:* May cause harm to aquatic life, due to oxygen depletion from the dilution of product after use.

*Degradability:* Biodegradable in water.

### SECTION XIII: Disposal Considerations

This product is not a RCRA characteristically hazardous or listed hazardous waste. Dispose of according to state or local laws, which may be more restrictive than federal regulations. Be aware that product used on a fire may be altered or contaminated and thereby require different disposal considerations.

### SECTION XIV. Transportation Information

This product is not defined as a hazardous material under U.S. Department of Transportation 49 CFR 172, or by Transport Canada “Transportation of Dangerous Goods” regulations.

### SECTION XV. Regulatory Information

*TSCA, US:* Listed

*OSHA Hazard Category:* Skin or eye irritant

*SARA Hazard Categories 311/312:* Acute, Not Hazardous.

### SECTION XVI. Other Information

Some of the information presented and conclusions drawn herein are from sources other than direct test data on the product itself. The information in this SDS was obtained from sources deemed reliable, however, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use, and disposal of the product are beyond Buckeye’s control. Buckeye does not assume responsibility and expressly disclaims liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use, or disposal of the product.

*Emergency Overview:* None of the chemicals in this product are under SARA reporting requirements or have SARA Threshold Planning Quantities or CERCLA Reportable Quantities. This product is not defined as hazardous under U.S. Department of Transportation 49 CFR 172 or by Transport Canada “Transportation of Dangerous Goods” regulations.

#### HMIS RATINGS:

Health            2  
Flammability    0  
Reactivity       0

Personal Protective Equipment: use eye protection, gloves, and appropriate skin protection (See Section 8)

#### WHMIS (Canadian Workplace Hazardous Materials Identification)

D2B- May irritate eyes, mucous membranes, or skin