



3901 Liberty Street Road
Aurora, IL 60504-8122
(630) 851-7300

Material Safety Data Sheet
FIRST ALERT® Pressurized Cylinders
used with Fire Extinguishers Classified BC Sodium Bicarbonate

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION	
Trade Name/Label Name:	BC Fire extinguisher (Dry Chemical)
CAS Number:	N/A -Contents are a mixture / preparation
Chemical Name	N/A -Contents are a mixture / preparation
Chemical Formula:	N/A -Contents are a mixture / preparation
EINECS Number:	N/A -Contents are a mixture / preparation
Manufacturer's Name:	BRK Brands, Inc. (First Alert)
Address:	3901 Liberty Street Road, Aurora, IL 60504
Business Phone / Fax:	630-851-7330 / 630-851-8205
IN CASE OF EMERGENCY:	1-800-323-9005
Revision Date:	January 11,2010

SECTION 2 - HAZARDOUS IDENTIFICATION

A Fire Extinguisher is a pressurized cylinder containing compressed gas, Nitrogen, and a dry chemical extinguishing agent. There are no hazardous when used and stored in accordance with the instructions on the label and manual. A fire extinguisher could still have pressure in it even if the indicator gauge is in the 0 psi range.

SECTION 3 - COMPOSITION / INFORMATION ON COMPONENTS WITH IN FIRE EXTINGUISHER					
CHEMICAL NAME	CAS No.:	% w/w of Extinguisher	OSHA PEL mg/m ³	ACGIH TLV mg/m ³	TOXICITY DATA
Agent / BC Sodium Bicarbonate Mixture	N/A MIXTURE	90	15	10	N / T Nuisance Dust
Nitrogen	7722-76-1	≤ .6	NONE	NONE	NONE

FOR A COMPLETE MSDS FOR THE DRY CHEMICAL EXTINGUISHING AGENT CONTAINED WITHIN THE FIRE EXTINGUISHER SEE ACCOMPANYING MSDS SHEET , CONTACT FIRST ALERT® AT 1 800 323 9005 OR CONTACT THE DRY CHEMICAL MANUFACTURE LISTED ON THE LABEL.

SECTION 4 - FIRST AID MEASURES;	
FOR THE CYLINDER	N/A
FOR DRY CHEMICAL AGENT	
Eye Contact:	Flush with water for a minimum of 15 minutes. If irritation persists seek medical attention.
Skin Contact:	Wash affected area with soap and water. If irritation persists seek medical attention.
Inhalation:	Remove from exposure. If irritation persists seek medical attention.
Ingestion:	If patient is conscious give large amounts of water and induce vomiting. Seek medical attention.

SECTION 5 - FIRE FIGHTING MEASURES
This product is a Fire Extinguisher and is not flammable.

Fire -Fighting measures	The product is a Fire Extinguisher and will not burn. No special protective equipment is needed for fire-fighters. Wear protective equipment appropriate for fire conditions. In an enclosed area, fire fighters must wear self-contained breathing appear
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SECTION 6 - ACCIDENTAL RELEASE MEASURE OF DRY CHEMICAL

Personal protection	See Section 8. If applicable remove yourself from area until nuisance dust settles.
Released or spilled contents:	Material maybe swept up and stored in a covered container for disposal, see section 13. In keeping with best practices do not mix with other materials. Agent can not be reused.
Clean up	See Section 13. Sweep up material and dispose in sealed container.

SECTION 7 - HANDLING AND STORAGE

Handling	Extinguishers are heavy and care should be taken in handling to minimize the possibility of accidental dropping. See personal protection in section 8.
Storage	Follow the temperature limits specified on the label but no other special conditions are required for safe storage.
Handling and storage:	Follow instructions specified in the instruction manual.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits Extinguisher:	Follow temperature limits on label.
Exposure Limits contents:	Nuisance dust limits; OSHA TWA; 15mg/m ³ ; ACGIH TLV-TWA: 10 mg/m ³
Carcinogen potential:	Extinguishing agent within the extinguisher has not been listed as a carcinogen by National Toxicology Program, IARC, or OSHA.

Personal Protection;	
Eye protection:	Use safety glasses with side shields or safety goggles.
Hand and skin protection:	None normally needed. Use chemical resistant gloves when handling for prolonged periods of time. The agent will dry the skin.
Respiratory protection:	Dust mask where dustiness is prevalent, or TLV is exceeded. Use mechanical filter respirator if exposure is prolonged.

SECTION 9 - PHYSICAL AND CHEMICAL CHARACTERISTICS OF DRY CHEMICAL AGENT WITHIN FIRE EXTINGUISHER

Appearance and odor: odorless, pale variable blue in color, fine powder					
pH:	N / A	Relative Density;	NA	Viscosity;	NA
Boiling point, °C :	N / A	Water Soluble	Slight	Melting point, °C:	NA
Oxidizing properties: Not an Oxidizer		Fat Soluble	Not Soluble	Vapor density (Air=1): N / A	NA
Vapor pressure, mm Hg:	N / A	Evaporation rate (Butyl acetate=1)	NA	Evaporative rate:	NA

Flash point:	N / A - The product is a FIRE EXTINGUISHER with extinguishing agent within.
Flammability (solid / gas)	N / A - The product is a FIRE EXTINGUISHER with extinguishing agent within.
Auto-ignition temperature: NA	DOES NOT IGNITE
Explosive hazards:	None when used in accordance with instruction manual.
Extinguishing media:	N / A - The product is a FIRE EXTINGUISHER with extinguishing agent within.
Unusual fire and explosion hazards:	None

SECTION 10 - STABILITY AND REACTIVITY OF CONTENTS

Chemical Stability:	Stable
Conditions to avoid:	Extreme heat
Incompatibility :	Do not mix with ABC type dry chemical extinguishing agents or other fire extinguishing agents.

Materials to avoid	Strong acids, NaK alloy, ABC dry chemical agents, NH ₄ H ₂ PO ₄ .
Hazardous decomposition products	NORMALLY STABLE. Hazardous polymerization will NOT occur. Combustion or decomposition products include carbon dioxides.

SECTION 11 - TOXICOLOGY INFORMATION

Toxicology	Contents are treated as a nuisance dust. For specific information see content /agent manufactures MSDS found on extinguisher label.
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SECTION 12 - ECOLOGICAL INFORMATION

Ecology	For specific see content/agent manufactures MSDS
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SECTION 13 - DISPOSAL CONSIDERATIONS

No harm to the environment is expected from contents.	
Dispose of extinguisher and contents in compliance with national, regional, and local provisions and codes that may be in force.	

SECTION 14 - TRANSPORTATION INFORMATION FOR FIRE EXTINGUISHERS

DOT Shipping Name:	FIRE EXTINGUISHER
DOT ID Number:	UN1044
DOT Hazard Class:	2.2 Nonflammable Compressed Gas

SECTION 15 - REGULATORY INFORMATION FOR CONTENTS FOR DRY CHEMICAL AGENT

Contents are NOT a hazardous substance.	
HMIS, HAZARDOUS MATERIAL IDENTIFICATION SYSTEM RATINGS	
Health:	0
Flammability:	0
Reactivity:	1
HAZARD INDEX: 0 Minimal hazard; 1 Slight hazard; 2 Moderate hazard; 3 Serious hazard; 4 Severe hazard	
WHMIS, CANADIAN WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION SYSTEM RATINGS:	
The content, dry chemical agent is not controlled under the Canadian WHMIS.	

SECTION 16 - OTHER INFORMATION / INSTRUCTIONS

Fire Extinguisher should be handled as pressurized containers with it's contents are under pressure. Fire Extinguishers could have pressure within them event if the gauge or pressure indicator is in the empty zone. Use in accordance with the operation manual.

GENERAL KEYS:

- N / A: Not applicable
- N / T: Not tested

The above information is believed to be correct, but does not purport to be inclusive and shall be used only as a guide. BRK Brands, Inc. (*FIRST ALERT*) shall not be held liable for any damage resulting from handling or from contact with the above product.