



BRK Brands, Inc. (First Alert)
3901 Liberty Street Road
Aurora, IL 60504-8122

Safety Data Sheet

FIRST ALERT® Pressurized Cylinders used with Fire Extinguisher Classified BC

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

(a.)	Trade Name/Label Name:	Fire extinguisher Stored Pressure
(b.)	Other means of identification	BC Fire extinguisher (Dry Chemical)
(c.)	Recommnd Use	Extinguishment of Fires
(d.)	Chemical Formula:	N/A -Contents are a mixture / preparation
(e.)	IN CASE OF EMERGENCY: CHEMTREC	1-800-424-9300

SECTION 2 - HAZARDOUS IDENTIFICATION

(a)	Classification	Compressed Gas					
(b)	Signal Word	WARNING					
	Hazard Statement (GSH)	Contains gas under pressure, may explode if heated. Pressure is less than 200 psig (1379 Kpa)					
(c.)	Other Hazards	A stored pressure Fire Extinguisher is a pressurized cylinder containing compressed gas, Nitrogen, and a dry chemical extinguishing agent. There are no hazards 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.					
(d)	Ingredient with unknown acute toxicity	None					

Storage (GSH) Protect from sunlight and heat source. Store in well ventilated place.

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
Nitrogen	7727-37-9	≤ .6	NONE	NONE	NONE
Agent / BC Dry Chemical Mixture	N/A MIXTURE	50-55	15	10	N / T Nuisance Dust

A SAFETY DATA SHEET FOR THE DRY CHEMICAL EXTINGUISHING AGENT CONTAINED WITHIN THE FIRE EXTINGUISHER CAN BE OBTAINED BY CONTACTING THE DRY CHEMICAL MANUFACTURE LISTED ON THE LABEL OR CONTACTING FIRST ALERT® AT 1 800 323 9005.

SECTION 4 - FIRST AID MEASURES;

(a)	FOR THE CYLINDER	N/A
	FOR DRY CHEMICAL AGENT	Sodium Bicarbonate
	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
(b)	No Acute effects	

SECTION 5 - FIRE FIGHTING MEASURES

(a)	This product is a Fire Extinguisher and is not flammable.	
(b)	Fire -Fighting measures	The product is a Fire Extinguisher and will not burn. No special protective equipment is
(c.)	Specilized Equipment	Standard protective equipment recommended

SECTION 6 - ACCIDENTAL RELEASE MEASURE OF DRY CHEMICAL

(a)	Personal protection	See Section 8. If applicable remove yourself from area until nuisance dust settles.
(b)	Released or spilled contents:	Material maybe swept up and stored in a covered container for disposal, see section 13. In
	Clean up	See Section 13. Sweep up material and dispose in sealed container.

SECTION 7 - HANDLING AND STORAGE

(a)	Handling	Extinguishers are heavy and care should be taken in handling to minimize the possibility of accidental dropping. See personal protection in section 8.
(b)	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

(a)	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
(b)	Engineering Controls	N / A
(c.)	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
	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

Appearance and odor: Fine, odorless powder, either a pale YELLOW or PINK in color,				
pH:	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):	NA
Vapor pressure, mm Hg: N / A	Evaporation rate (Butyl acetate=1)	NA	Evaporative rate:	NA
Color None, GAS	Oder	Oderless		
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 when used in accordance with instruction manual.			

SECTION 10 - STABILITY AND REACTIVITY

(a)	Chemical Stability:	Stable
(b)	Conditions to avoid:	Extreme heat
(c.)	Incompatibility :	Do not mix with BC type dry chemical extinguishing agents or other fire extinguishing
(d)	Materials to avoid	Strong acids, Na and K alloys, ABC dry chemical agents, NH ₄ H ₂ PO ₄ .
(e.)	Hazardous decomposition products	NORMALLY STABLE. Hazardous polymerization will NOT occur. Combustion or decomposition products include carbon dioxides.
(f)		

SECTION 11 - TOXICOLOGY INFORMATION

(a)	Toxicology	Contents are treated as a nuisance dust. For specifics see content manufactures SDS.
(b)		See section 3 or Product label
(c.)		

(a)	Ecology	For specifics see content/agent manufactures SDS on Product Label or Section 2 this
(b)	No harm to the environment is expected from contents. See Section 2 or contact contents MFG on label.	
	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 (Non- Mandatory)

(a)	DOT ID Number:	UN1044
(b)	DOT Shipping Name:	FIRE EXTINGUISHER
(c)	DOT Hazard Class:	2.2 Nonflammable Compressed Gas
(d)	DOT Packageing exceptions	173.309
(e)	Other Enviornmenal hazards.	Not a Marine pollutent, per DOT CFR 49 172.101
(f)	Transportation in Bulk	173.309
(g)	Special Previsions	CFR 49; 172.102, , 18 and 110

SECTION 15 - REGULATORY INFORMATION FOR CONTENTS, DRY CHEMICAL AGENT (Non-

HMIS, HAZARDOUS MATERIAL IDENTIFICATION SYSTEM RATINGS

Health:	1
Flammability:	0
Reactivity:	0
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:

Cass A, Compressed Gas



The content, dry chemical agent , is rated **D2B-** Product may irritate skin, eyes or mucous membranes. Note less than 200 psig (1397 Kpa).

US EPCRA SARA III (313)	Contents Not Listed
Section 302, Substance	Contents Not Listed
Section 302, Chemical	Contents Not Listed
CERCLA, Superfund Reportable	None

SECTION 16 - OTHER INFORMATION / INSTRUCTIONS

Released	REV Date
(a) 12//2016	10/26/2017

Other

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.

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.