

# SAFETY DATA SHEET

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NGHS / English



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fire

## 1. IDENTIFICATION

### Product identifier

Product Name Auto Fire Extinguisher

### Other means of identification

Product Code(s) 1087524

### Recommended use of the chemical and restrictions on use

Recommended Use Fire extinguishing agent - Gas

Restrictions on use No information available

### Details of the supplier of the safety data sheet

Supplier Identification BRK Brands Inc

Address 3901 Liberty St  
Aurora  
IL  
60504  
US

Telephone Phone:6304993212  
Fax:6304993212

E-mail adevine@firstalert.com

### Emergency telephone number

Company Emergency Phone Number 6304993212

## 2. HAZARDS IDENTIFICATION

### Classification

Carcinogenicity	Category 2
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Gases under pressure

Compressed Gas

**Appearance** No data available**Physical state** Compressed gas Gas**Odor** Odorless**GHS Label elements, including precautionary statements****Warning****Hazard statements**

Suspected of causing cancer

Contains gas under pressure; may explode if heated

**Precautionary Statements - Prevention**

Obtain special instructions before use

Do not handle until all safety precautions have been read and understood

Wear protective gloves/protective clothing/eye protection/face protection

**Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention

**Precautionary Statements - Storage**

Store locked up

Protect from sunlight. Store in a well-ventilated place

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Other information**

May be harmful if swallowed.

**Unknown acute toxicity**

98.4 % of the mixture consists of ingredient(s) of unknown toxicity

7 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

98.4 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

98.4 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)

98.4 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)

98.4 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

**3. COMPOSITION/INFORMATION ON INGREDIENTS****Substance**

Not applicable.

**Mixture**

Chemical name	CAS No	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Supplier Trade Secret	-	0 - 10%	-	-
Supplier Trade Secret	-	0 - 10%	-	-
Mica	12001-26-2	1	-	-
Supplier Trade Secret	-	0 - 10%	-	-
Supplier Trade Secret	-	0 - 10%	-	-

#### 4. FIRST AID MEASURES

##### Description of first aid measures

<b>General advice</b>	IF exposed or concerned: Get medical advice/attention.
<b>Inhalation</b>	Remove to fresh air.
<b>Eye contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
<b>Skin contact</b>	In case of contact with liquefied gas, thaw frosted parts with lukewarm water.
<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water.

##### Most important symptoms and effects, both acute and delayed

**Symptoms** No information available.

##### Indication of any immediate medical attention and special treatment needed

**Note to physicians** Treat symptomatically.

#### 5. FIRE-FIGHTING MEASURES

<b>Suitable Extinguishing Media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Large Fire</b>	CAUTION: Use of water spray when fighting fire may be inefficient.
<b>Unsuitable extinguishing media</b>	DO NOT EXTINGUISH A LEAKING GAS FIRE UNLESS LEAK CAN BE STOPPED.
<b>Specific hazards arising from the chemical</b>	Cylinders may rupture under extreme heat. Damaged cylinders should be handled only by specialists. Containers may explode when heated. Ruptured cylinders may rocket.
<b>Hazardous Combustion Products</b>	Carbon oxides.
<b>Explosion Data</b>	
<b>Sensitivity to Mechanical Impact</b>	Yes.
<b>Sensitivity to Static Discharge</b>	None.
<b>Special protective equipment for</b>	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear.



fire-fighters Use personal protection equipment.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Contents under pressure. Empty containers pose a potential fire and explosion hazard. Do not cut, puncture of weld containers.

**Other Information** Refer to protective measures listed in Sections 7 and 8.

### Methods and material for containment and cleaning up

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Pick up and transfer to properly labeled containers.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on safe handling** Contents under pressure. Empty containers pose a potential fire and explosion hazard. Do not cut, puncture of weld containers. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from sunlight.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

#### Exposure Limits

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Supplier Trade Secret	-	TWA: 15 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup> (vacated) TWA: 15 mg/m <sup>3</sup> (vacated) TWA: 5 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup> respirable dust TWA: 10 mg/m <sup>3</sup> total dust
Supplier Trade Secret	TWA: 1 mg/m <sup>3</sup> respirable particulate matter	-	
Mica 12001-26-2	TWA: 3 mg/m <sup>3</sup>	TWA: 20 mppcf (<1% crystalline silica) 3 mg/m <sup>3</sup> (vacated)	IDLH: 1500 mg/m <sup>3</sup> containing <1% quartz TWA: 3 mg/m <sup>3</sup> respirable dust
Supplier Trade Secret	-	-	TWA: 10 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable dust
Supplier Trade Secret	TWA: 2 mg/m <sup>3</sup> particulate matter containing no asbestos and <1% crystalline silica,	TWA: 15 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable fraction	TWA: 10 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable dust

	respirable fraction	(vacated) TWA: 10 mg/m <sup>3</sup> total dust (vacated) TWA: 5 mg/m <sup>3</sup> respirable fraction		
Chemical name	Alberta	British Columbia	Ontario TWAEV	Quebec
Supplier Trade Secret	TWA: 10 mg/m <sup>3</sup>			TWA: 10 mg/m <sup>3</sup>
Supplier Trade Secret		TWA: 1.0 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup>	TWA: 1 fibre/cm <sup>3</sup>
Mica 12001-26-2	TWA: 3 mg/m <sup>3</sup>	TWA: 3 mg/m <sup>3</sup>	TWA: 3 mg/m <sup>3</sup>	TWA: 3 mg/m <sup>3</sup>
Supplier Trade Secret		TWA: 10 mg/m <sup>3</sup> TWA: 3 mg/m <sup>3</sup>		TWA: 10 mg/m <sup>3</sup>
Supplier Trade Secret	TWA: 2 mg/m <sup>3</sup>	TWA: 2 mg/m <sup>3</sup>	TWA: 2 mg/m <sup>3</sup>	TWA: 2 mg/m <sup>3</sup>

**Other Exposure Guidelines** See section 15 for national exposure control parameters.

**Appropriate engineering controls**

**Engineering controls** Showers  
Eyewash stations  
Ventilation systems.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** No special protective equipment required.

**Hand protection** Wear suitable gloves.

**Skin and body protection** Wear suitable protective clothing.

**Respiratory protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

**Physical state** Compressed gas; Gas  
**Appearance** No data available  
**Odor** Odorless  
**Color** No information available  
**Odor Threshold** No data available

<u>Property</u>	<u>Values</u>	<u>Remarks</u>	<u>Method</u>
pH	No data available	None known	
Melting / freezing point	No data available	None known	
Boiling point / boiling range	No data available	None known	
Flash Point	No data available	None known	
Evaporation Rate	No data available	None known	
Flammability (solid, gas)	No data available	None known	
Flammability Limit in Air		None known	



Upper flammability limit	No data available	
Lower flammability limit	No data available	
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Relative density	No data available	None known
Water Solubility	Slightly soluble	
Solubility(ies)	No data available	None known
Partition coefficient: n-octanol/water	na	
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known

**Other Information**

Explosive properties	No information available
Oxidizing properties	No information available
Softening Point	No information available
Molecular Weight	No information available
VOC Content (%)	No information available
Liquid Density	No information available
Bulk Density	No information available
Particle Size	No information available
Particle Size Distribution	No information available

## 10. STABILITY AND REACTIVITY

Reactivity	No information available.
Chemical stability	Stable under normal conditions.
Possibility of Hazardous Reactions	None under normal processing.
Hazardous Polymerization	Hazardous polymerization does not occur.
Conditions to avoid	Excessive heat.
Incompatible materials	None known based on information supplied.
Hazardous Decomposition Products	Carbon oxides.

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure****Product Information**

Inhalation	Specific test data for the substance or mixture is not available.
Eye contact	Specific test data for the substance or mixture is not available.
Skin contact	Specific test data for the substance or mixture is not available.
Ingestion	May be harmful if swallowed.

**Symptoms related to the physical, chemical and toxicological characteristics**

**Symptoms** No information available.

**Numerical measures of toxicity****Acute toxicity**

The following values are calculated based on chapter 3.1 of the GHS document .

**ATEmix (oral)** 4,706.10 mg/kg

**Unknown acute toxicity** 98.4 % of the mixture consists of ingredient(s) of unknown toxicity  
 7 % of the mixture consists of ingredient(s) of unknown acute oral toxicity  
 98.4 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity  
 98.4 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)  
 98.4 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)  
 98.4 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

**Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Supplier Trade Secret	= 6450 mg/kg ( Rat )	-	-
Supplier Trade Secret	> 5000 mg/kg ( Rat )	> 5000 mg/kg ( Rat )	-

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Skin corrosion/irritation** No information available.

**Serious eye damage/eye irritation** No information available.

**Respiratory or skin sensitization** No information available.

**Germ cell mutagenicity** No information available.

**Carcinogenicity** Contains a known or suspected carcinogen. Classification based on data available for ingredients. Suspected of causing cancer.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
Supplier Trade Secret	-	Group 2B Group 3	-	X

**Legend****IARC (International Agency for Research on Cancer)**

Group 2B - Possibly Carcinogenic to Humans

Group 3 - Not Classifiable as to Carcinogenicity in Humans

**OSHA (Occupational Safety and Health Administration of the US Department of Labor)**

X - Present

**Reproductive toxicity** No information available.

**STOT - single exposure** No information available.

**STOT - repeated exposure** No information available.

**Aspiration hazard** No information available.

## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	The environmental impact of this product has not been fully investigated.
<b>Persistence and Degradability</b>	No information available.
<b>Bioaccumulation</b>	No information available.
<b>Mobility</b>	No information available.
<b>Other adverse effects</b>	No information available.

## 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods

<b>Waste from residues/unused products</b>	Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
<b>Contaminated packaging</b>	Do not reuse empty containers.
<b>California Waste Codes</b>	141

## 14. TRANSPORT INFORMATION

### DOT

<b>UN-No.</b>	UN1044
<b>Proper Shipping Name</b>	FIRE EXTINGUISHERS
<b>Hazard Class</b>	2.2
<b>Description</b>	UN1044, FIRE EXTINGUISHERS, 2.2
<b>Emergency Response Guide Number</b>	126

### TDG

<b>UN-No.</b>	UN1044
<b>Proper Shipping Name</b>	FIRE EXTINGUISHERS
<b>Hazard Class</b>	2.2
<b>Description</b>	UN1044, FIRE EXTINGUISHERS, 2.2

### MEX

<b>UN-No.</b>	UN1044
<b>Proper Shipping Name</b>	FIRE EXTINGUISHERS
<b>Hazard Class</b>	2.2
<b>Description</b>	UN1044, FIRE EXTINGUISHERS, 2.2

### ICAO

<b>UN-No.</b>	UN1044
<b>Proper Shipping Name</b>	FIRE EXTINGUISHERS
<b>Hazard Class</b>	2.2

Description UN1044, FIRE EXTINGUISHERS, 2.2

**IATA**

UN-No. UN1044  
 Proper Shipping Name FIRE EXTINGUISHERS  
 Hazard Class 2.2  
 ERG Code 2L  
 Description UN1044, FIRE EXTINGUISHERS, 2.2

**IMDG/IMO**

UN-No. UN1044  
 Proper Shipping Name FIRE EXTINGUISHERS  
 Hazard Class 2.2  
 EmS-No. F-C, S-V  
 Description UN1044, FIRE EXTINGUISHERS, 2.2

**RID**

UN-No. UN1044  
 Proper Shipping Name FIRE EXTINGUISHERS  
 Hazard Class 2.2  
 Classification code 6A  
 Description UN1044, FIRE EXTINGUISHERS, 2.2  
 ADR/RID-Labels 2.2

**ADR**

UN-No. UN1044  
 Proper Shipping Name FIRE EXTINGUISHERS  
 Hazard Class 2.2  
 Classification code 6A  
 Tunnel restriction code (E)  
 Description UN1044, FIRE EXTINGUISHERS, 2.2, (E)

**ADN**

UN-No. UN1044  
 Proper Shipping Name FIRE EXTINGUISHERS  
 Hazard Class 2.2  
 Classification code 6A  
 Special Provisions 225, 594  
 Description UN1044, FIRE EXTINGUISHERS, 2.2  
 Hazard Labels 2.2  
 Limited Quantity 120 ML

## 15. REGULATORY INFORMATION

### Safety, health and environmental regulations/legislation specific for the substance or mixture

#### International Regulations

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

#### International Inventories



**TSCA** Contact supplier for inventory compliance status.  
**DSL/NDL** Contact supplier for inventory compliance status.  
**EINECS/ELINCS** Contact supplier for inventory compliance status.  
**ENCS** Contact supplier for inventory compliance status.  
**KECL** Contact supplier for inventory compliance status.  
**PICCS** Contact supplier for inventory compliance status.  
**AICS** Contact supplier for inventory compliance status.

**Legend**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances

**US Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 Hazard Categories**

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications. Under the amended regulations at 40 CFR 370, EPCRA 311/312 Tier II reporting for the 2017 calendar year will need to be consistent with updated hazard classifications.

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**US State Regulations**

**California Proposition 65**

This product contains the following Proposition 65 chemicals.

Chemical name	California Proposition 65
Supplier Trade Secret -	carcinogen, 12/28/1999 (>5 µm in length)

**U.S. State Right-to-Know Regulations**

Chemical name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Supplier Trade Secret	X				
Supplier Trade Secret					X
Mica	X	X	X		



12001-26-2					
Supplier Trade Secret	X	X			
Supplier Trade Secret	X	X	X		

**16. OTHER INFORMATION**

**NFPA**                      **Health hazards** 1      **Flammability** 0      **Instability** 0      **Physical and Chemical Properties -**  
**HMIS**                      **Health hazards** 1\*      **Flammability** 0      **Physical hazards** 0      **Personal Protection** X  
*Chronic Hazard Star Legend*                      \* = *Chronic Health Hazard*

**Prepared By**                      Product Stewardship  
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**Revision Note**                      No information available

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

**End of Safety Data Sheet**

