SAFETY DATA SHEET

Issuing Date 20-Feb-2020 **Revision Date** 14-Feb-2019 **Revision Number** 1

NGHS / English

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1. IDENTIFICATION

Product identifier

Product Name GARAGE10 Fire Extinguisher

Other means of identification

Product Code(s) 1502843

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
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E-mail adevine@firstalert.com

Emergency telephone number

Company Emergency Phone Number 6304993212

2. HAZARDS IDENTIFICATION

Classification

Carcinogenicity	Category 2
Gases under pressure	Compressed Gas

Appearance Off yellow **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%	-	-
Supplier Trade Secret	-	0 - 10%	-	-
Supplier Trade Secret	-	0 - 10%	-	-
Supplier Trade Secret	-	0 - 10%	-	-

4. FIRST AID MEASURES

Description of first aid measures

General advice IF exposed or concerned: Get medical advice/attention.

Inhalation Remove to fresh air.

Eye contact Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

Skin contact In case of contact with liquefied gas, thaw frosted parts with lukewarm water.

Ingestion 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

Suitable Extinguishing Media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Large Fire CAUTION: Use of water spray when fighting fire may be inefficient.

Unsuitable extinguishing media DO NOT EXTINGUISH A LEAKING GAS FIRE UNLESS LEAK CAN BE STOPPED.

Specific hazards arising from the chemical Cylinders may rupture under extreme heat. Damaged cylinders should be handled only by specialists. Containers may explode when heated. Ruptured cylinders may rocket.

Hazardous Combustion Products Carbon oxides.

Explosion Data

Sensitivity to Mechanical Impact Yes.

Sensitivity to Static Discharge NONE.

Special protective equipment for fire-fighters Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. 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/m³ TWA: 5 mg/m³ (vacated) TWA: 15 mg/m³ (vacated) TWA: 5 mg/m³	TWA: 5 mg/m³ respirable dust TWA: 10 mg/m³ total dust
Supplier Trade Secret	TWA: 1 mg/m³ respirable particulate matter	-	
Supplier Trade Secret	TWA: 3 mg/m³	TWA: 20 mppcf (<1% crystalline silica) 3 mg/m³ (vacated)	IDLH: 1500 mg/m³ containing <1% quartz TWA: 3 mg/m³ respirable dust
Supplier Trade Secret	-	-	TWA: 10 mg/m³ total dust TWA: 5 mg/m³ respirable dust
Supplier Trade Secret	TWA: 2 mg/m³ particulate matter containing no asbestos and <1% crystalline silica, respirable fraction	TWA: 15 mg/m³ total dust TWA: 5 mg/m³ respirable fraction (vacated) TWA: 10 mg/m³ total dust (vacated) TWA: 5 mg/m³ respirable fraction	TWA: 10 mg/m³ total dust TWA: 5 mg/m³ respirable dust

Chemical name	Alberta	British Columbia	Ontario TWAEV	Quebec
Supplier Trade Secret	TWA: 10 mg/m³			TWA: 10 mg/m³
Supplier Trade Secret		TWA: 1.0 mg/m³	TWA: 1 mg/m³	TWA: 1 fibre/cm3
Supplier Trade Secret	TWA: 3 mg/m³	TWA: 3 mg/m³	TWA: 3 mg/m³	TWA: 3 mg/m³
Supplier Trade Secret		TWA: 10 mg/m³		TWA: 10 mg/m³

		TWA: 3 mg/m³		
Supplier Trade Secret	TWA: 2 mg/m³	TWA: 2 mg/m³	TWA: 2 mg/m³	TWA: 5 mg/m³

Other Exposure Guidelines Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992). 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	Off yellow
Odor	Odorless
Color	No information available
Odor Threshold	No information available

Property	**Values**	**Remarks Method**
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

Ecotoxicity The environmental impact of this product has not been fully investigated.

Persistence and Degradability No information available.

Bioaccumulation There is no data for this product.

Mobility No information available.

Other adverse effects No information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

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

14. TRANSPORT INFORMATION

DOT

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

TDG

UN-No.	UN1044
Proper Shipping Name	FIRE EXTINGUISHERS
Hazard Class	2.2
Description	UN1044, FIRE EXTINGUISHERS, 2.2

MEX

UN-No.	UN1044
Proper Shipping Name	FIRE EXTINGUISHERS
Hazard Class	2.2
Description	UN1044, FIRE EXTINGUISHERS, 2.2

ICAO

UN-No.	UN1044
Proper Shipping Name	FIRE EXTINGUISHERS
Hazard Class	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/NDSL	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/NDSL - 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

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

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Revision Note No information available

Disclaimer
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End of Safety Data Sheet