

Safety Data Sheet

FRONTIERSMAN Xtra - Canada

May be used to comply with OSHA's Hazard Communication Standard,
29 CFR 1910.1200(g). Standard must be reviewed for specific requirements.

Quick Identifier
05.19.2020

SECTION 1 - CHEMICAL PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME: FRONTIERSMAN Xtra Non-Flammable Bear Attack Deterrent
SYNONYMS: Bear Spray, Bear Pepper Spray
CHEMICAL NAME: Oleoresin Capsicum (Red Pepper)
CHEMICAL FAMILY: Deterrent, Irritant Agent
PRODUCT USE: Handheld aerosol canister that sprays an irritating formula in the eyes, nose and mouth of a bear threatening your personal safety.

MODEL #'s: CFBAD-01-X, CFBAD-02-X, CFBAD-01G-X, CFBAD-02G-X, CFBAD-321-X, CFBAD-321G-X, CFBAD-01-X-00

Importer's Name: **Manufactured for:** Sale and use in Canada
Address: **PMRA Registration #:** 28410

Phone Number: **Fax:**
Further Information obtainable from Info Trac. Tel.: +1-800-535-5053 (Open 24 hours)
Information in case of emergency: Tel.: +1-352-323-3500 Fax: +1-352-323-0050

Manufacturer's Name: Security Equipment Corporation
Address: 747 Sun Park Drive
City, State, Zip: Fenton, MO 63026
Emergency Phone: 800-325-9568 **Other Calls:** 636-343-0200 **Fax Number:** 636-343-1318

SECTION 2 - HAZARD IDENTIFICATION**Classification of the substance or mixture****Pictogram:****Signal Word:** Warning**Hazard Statement(s)**

H229 Pressurized container, may burst if heated
H315 Causes skin irritation
H319 Causes serious eye irritation
H335 May cause respiratory irritation

GHS Hazard Statements

GHS07 Skin corrosion / Irritation - Category 2
Serious eye damage-Category 2A
Specific target organ toxicity
(STOT) - Single Exposure -

Precautionary Statement(s)

P102 Keep out of reach of children
P210 Keep away from heat / sparks / open flame / hot surfaces - NO SMOKING
P211 Do not spray on an open flame or other ignition source
P251 Pressurized container: Do NOT pierce or burn even after use
P302 + P352 IF ON SKIN: Wash with plenty of soap and water
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue to rinse.
P337 + P313 IF EYE IRRITATION PERSISTS: Get medical advice / attention
P410 Protect from sunlight
P412 Do NOT expose to temperatures exceeding 50°C / 122°F

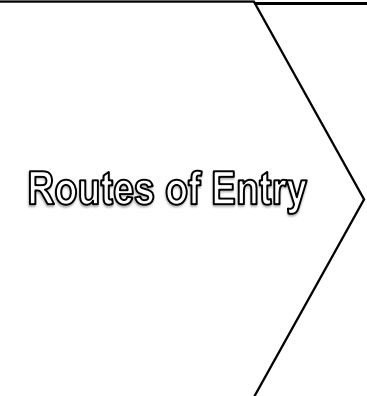
SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Component(s) (chemical & common name(s))	Content(s)	OSHA TWA	ACGIH TLV	Carcinogen (Yes / No)
Oleoresin Capsicum (OC or Red Pepper) CAS# 8023-77-6	7.5%*	N/A	N/A	No
Diethylene Glycol Monobutyl Ether CAS# 112-34-5	**	N/A	500 ppm	No
Isopropyl Alcohol CAS# 67-63-0	**	N/A	200 ppm	No
Propylene Glycol CAS# 57-55-6	**	N/A	N/A	No
HFC-134A CAS# 811-97-2	**	1000 ppm	N/A	No

*7.5% @1.0% Absolute Capsaicin. Zero ozone depletion potential. Negligible global warming potential.

Major Capsaicinoids are determined via A.O.A.C. Method 995.03. ** Other ingredients are trade secrets as defined in Hazard Communications ACT 29 CFR 1910.1200(g) Para 1 (1) end Appendix D to CFR 1910.1200(g).

SECTION 4 - FIRST AID MEASURES

	Emergency & First Aid Procedures:	Remove victim from contaminated area and remove contaminated clothing. Provide fresh air, irrigate with copious amounts of cool water. Obtain medical advice if symptoms persist.
	1. Inhalation	Remove from contaminated area immediately. Provide fresh air. If breathing is difficult, administer oxygen. If the victim is not breathing, administer CPR. Seek immediate medical attention.
	2. Eyes	Only exposed subject or EMS should remove subject's contact lenses. Irrigate with cool water for at least 15 minutes, or until relieved. Seek medical attention if irritation persists.
	3. Skin	Flush with cool water for at least 15 minutes. Wash with mild soap and water. Seek medical attention if irritation persists.
	4. Ingestion	DO NOT INDUCE VOMITING. If victim is conscious and not convulsing, rinse mouth with water. Ingest milk or water. Call 800-535-5053 or obtain medical advice immediately. If victim is convulsing or unconscious, do not give anything by mouth, ensure the victim's airway is open and lay the victim on his/her side with the head lower than the body. IMMEDIATELY transport the victim to a hospital.

SECTION 5 - FIRE-FIGHTING MEASURES

Flammability Classification 16 CFR 1500.45:	<u>NON-FLAMMABLE</u>
Extinguishing Media:	Halon, Carbon Dioxide, Dry Chemical or Water
Special Fire Fighting Procedures:	Wear respirator or self-contained breathing apparatus.
Unusual Fire and Explosion Hazards:	Smoke would be irritating to eyes and mucous membranes. Containers may burst in the heat of a fire.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Steps to follow if material is spilled or released:	Wipe up small spills with absorbent material. With large spills, use respiratory equipment, to avoid irritation, and collect absorbent materials.
If inside:	Ventilate area and after absorbent process, wash area with soap and cold water
If outside:	Stay upwind
Waste Disposal Method:	Dispose of in accordance with current laws and regulations.

SECTION 7 - HANDLING AND STORAGE

Precautions to be taken in handling & storage:	Store upright in a cool, dry area. Avoid direct light and heat. DO NOT expose to temperatures over 120° F / 50° C. DO NOT puncture or incinerate container.
Other Precautions:	Assure can is in a secure place to prevent accidental rupture.

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

Respiratory Protection:	Not normally required in well-ventilated areas, however, NIOSH approved respiratory protection may be required when the material is used in confined areas. Avoid overexposure for long periods in enclosed areas.
Ventilation:	Yes
Protective Gloves:	Suggested (not required)
Eye Protection:	Yes. Exposure without protection in training environment is acceptable.
Other Protective Clothing/Equipment:	Not required
Work/Hygienic Practices:	Avoid absorption of product on clothing. If absorbed in clothing, remove and wash clothes at once. Do not eat, drink, or smoke while handling product.
Engineering Controls:	Provide ventilation if working in confined areas.

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Appearance & Odor:	Red/Orange in color. Odor is pungent	Physical State:	Liquid
Boiling Point:	370° F	Specific Gravity (H2O = 1)	0.8144 @ 25° C
Solubility in Water:	Insoluble	Vapor Pressure:	110 PSI

SECTION 10 - STABILITY AND REACTIVITY

Stability	Unstable	Conditions To Avoid	Incompatibility (Materials To Avoid)	N/A
	Stable	X		
Hazardous Polymerization:	May Occur	Conditions To Avoid	Hazardous Decomposition Products:	N/A
	Will Not Occur	X		

SECTION 11 - TOXICOLOGICAL INFORMATION

Standard Draize Test: Skin, rabbit, 500 mg	Severity:	Moderately Irritating
Standard Draize Test: Eye, rabbit, 100 mg	Severity:	Moderately Irritating
ACUTE INHALATION LC50 (rat):		> 100.5 mg/L

SECTION 12 - ECOLOGICAL INFORMATION

This product has not been tested for environmental effects.

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste Disposal Methods: Consult Federal, State, and Local Regulations
Evacuate contents in a safe area, & dispose of container.

SECTION 14 - TRANSPORT INFORMATION

DOT HM-181 INFORMATION

	<u>GROUND</u>	<u>AIR</u>
Proper Shipping Name:	LTD. QTY.	Aerosols, Non-flammable
Hazard Class or Division:	none	2.2
Identification Number:	none	UN1950
Packaging Group:	none	none
Label(s) Required:	none	2.2

INTERNATIONAL TRANSPORTATION REGULATIONS

Regulations vary from country to country. Check regulations for your country.

	<u>GROUND</u>	<u>AIR</u>	<u>OCEAN</u>
Proper Shipping Name:	LTD. QTY.	Aerosols, Non-flammable	Aerosols
Hazard Class or Division:	none	2.2	2.2
Identification Number:	none	UN1950	UN1950
Packaging Group:	none	none	none
Label(s) Required:	none	2.2	2.2

SECTION 15 - REGULATORY INFORMATION

GHS within the EU: The new classification & labelling system according to CLP regulation (EC) No 1272/2008

Health hazard symbol:    **P-Codes**

Signal Word: WARNING

P102: Keep out of reach of children.

Exclamation Mark Skin & Eye Irritation, Category 2

H315: Causes skin irritation

H319: Causes serious eye irritation

H229: Pressurized container: may burst if heated

H335: May cause respiratory irritation

P210: Keep away from heat, hot surfaces, sparks, open flames and

P251: Do not pierce or burn, even after use.

P302+P352: IF ON SKIN: Wash with plenty of water

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several

P337+P313: If eye irritation persists get medical advice/attention.

P410: Protect from sunlight.

P412: Do not expose to temperatures exceeding 50 °C/122 °F.

GHSWHMIS 2015 Codes

GHS07	Skin corrosion / Irritation - Category 2
GHS07	Serious eye damage-Category 2A
GHS07	Specific target organ toxicity (STOT) - Single Exposure - Category 3

TOXIC SUBSTANCES CONTROL ACT:

This product is in compliance with the U.S. Toxic Substances Control Act (TSCA) inventory requirements.

SARA TITLE III, SECTION 313:	CAS# 67-63-0		
CLEAN AIR ACT (CAA):	Not Listed		
CLEAN WATER ACT (CWA):	Not Listed		
CALIFORNIA PROPOSITION 65:	Not Listed		
MASSACHUSETTS RIGHT TO KNOW:	CAS# 67-63-0		
PENNSYLVANIA RIGHT TO KNOW:	CAS# 67-63-0	112-34-5	57-55-6
NEW JERSEY RIGHT TO KNOW:	CAS# 67-63-0	112-34-5	57-55-6

SECTION 16 - OTHER INFORMATION

Format and Preparation Complies with ANSI Z400.1-1993

DISCLAIMER: This brief provides a general overview of the safety data sheet requirements in the Hazard Communication Standard (see 29 CFR 1910.1200(g) and Appendix D of 29 CFR 1910.1200). It does not alter or determine compliance responsibilities in the standard or the Occupational Safety and Health Act of 1970. Since interpretations and enforcement policy may change over time, the reader should consult current OSHA interpretations and decisions by the Occupational Safety and Health Review Commission and the courts for additional guidance on OSHA compliance requirements. Please note that states with OSHA-approved state plans may have additional requirements for chemical safety data sheets, outside of those outlined above. For more information on those standards, please visit: <http://www.osha.gov/dcs/p/osp/statestandards.html>.