

# 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 / Rev. Date**

12.15.2021

**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:** 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

**Manufacturer's Name:** SECURITY EQUIPMENT CORPORATION

**Emergency Phone:** 800-325-9568

**Address:** 747 SUN PARK DRIVE

**Other Calls:** 636-343-0200

**City, State, Zip:** FENTON, MO 63026

**Fax Number:** 636-343-1318

**Emergency Telephone Number for Infotrac:**

Tel.: +1-800-535-5053, Tel.: +1-352-323-3500

Fax: +1-352-323-0005

**SECTION 2 - HAZARD IDENTIFICATION****Classification of the substance or mixture****Pictogram:****Signal Word:**

Warning

**Hazard Statement(s)**

H280 Contains gas under pressure; may explode 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  
 GHS07 Serious eye damage-Category 2A  
 Specific target organ toxicity (STOT) - Single Exposure -  
 GHS07 Category 3 (Respiratory)

**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
trans-HFO-1234ze (CAS # 29118-24-9)	**	1000 ppm	N/A	No

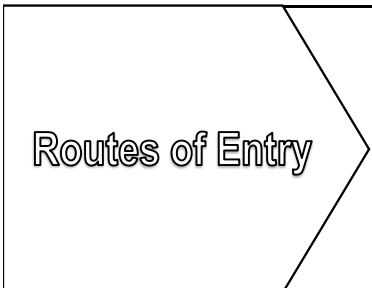
\*7.5% @1.0% Absolute Capsaicin.

Zero ozone depletion potential. Negligible global warming potential.

\*\* Other ingredients and specific amounts 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, seek immediate medical attention. If the victim is not breathing, administer CPR and seek immediate medical attention.
- 2. Eyes** Only exposed subject or EMS should remove subject's contact lenses. Irrigate with cool water for 15 minutes, or until relieved. Seek medical attention if irritation persists.
- 3. Skin** Flush with cool water for 15 minutes. Wash with mild soap and water. Seek medical attention if irritation persists.
- 4. Ingestion** Unlikely route of entry. DO NOT INDUCE VOMITING. Rinse mouth with water. Ingest milk or water. Immediately call for medical help.

**SECTION 5 - FIRE-FIGHTING MEASURES**

Flammability Classification 16 CFR 1500.45: **NON-FLAMMABLE**  
 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. Trainee exposure without protection in controlled 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, 500 mg**      **Severity:** Slightly Irritating  
**Standard Draize Test: Eye, 100 mg**      **Severity:** Moderately Irritating  
**ACUTE INHALATION LC50:** > 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>
<b>Proper Shipping Name:</b>	LTD. QTY.	Aerosols, Non-flammable
<b>Hazard Class or Division:</b>	none	2.2
<b>Identification Number:</b>	none	UN1950
<b>Packaging Group:</b>	none	none
<b>Label(s) Required:</b>	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>
<b>Proper Shipping Name:</b>	LTD. QTY.	Aerosols, Non-flammable	Aerosols
<b>Hazard Class or Division:</b>	none	2.2	2.2
<b>Identification Number:</b>	none	UN1950	UN1950
<b>Packaging Group:</b>	none	none	none
<b>Label(s) Required:</b>	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

**WHMIS:** In Canada, this product is in accordance with the Canadian Workplace Hazardous Materials Information System. (2015)

**P-Codes**

**Signal Word:** WARNING

P102: Keep out of reach of children.

**Exclamation Mark Skin & Eye Irritation, Category 2**

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

**H-Codes**

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

H315: Causes skin irritation

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

H319: Causes serious eye irritation

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

H280: Contains gas under pressure; may explode if heated

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

H335: May cause respiratory irritation

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/dcspp/osp/statestandards.html>.