

Safety Data Sheet

SABRE FRONTIERSMAN MAX Bear and Mountain Lion Attack Deterrent

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

08.15.23

SECTION 1 - CHEMICAL PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME: SABRE FRONTIERSMAN MAX Bear and Mountain Lion 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: FBADX-03; FBADX-04; FBADX-05; FBADX-06; FBADX-07; FBADX-08; FBADX-09; FBADX-10

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

GHS Label Elements, including precautionary statements

Hazard Code	Hazard Statement	Hazard Class	Category	Pictogram	Signal Word
H280	Contains gas under pressure; may explode if heated	Gases Under Pressure	Compressed gas		Warning
H223	Flammable Aerosol	Flammable Aerosol	2		Warning
H315	Causes skin irritation	Skin corrosion / irritation	2		Warning
H319	Causes serious eye irritation	Serious eye damage / eye irritation	2A		Warning
H335	May cause respiratory irritation	Specific target organ toxicity. Single exposure; Respiratory tract irritation	3		Warning

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

Other Hazards

None Known

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Component(s) (chemical & common name(s))	Content(s)	OSHA PEL	ACGIH TLV	Carcinogen (Yes / No)
Oleoresin Capsicum CAS# 8023-77-6	10%	N/A	N/A	No
Diethylene Glycol Monobutyl Ether CAS# 112-34-5	25%	N/A	200 ppm	No
Isopropyl Alcohol CAS# 67-63-0	5%	N/A	N/A	No
Propylene Glycol CAS# 57-55-6	10%	N/A	N/A	No
trans-HFO-1234ze (CAS # 29118-24-9)	50%	1000 ppm	N/A	No

**10% @ 2.0% Major Capsaicinoids

SECTION 4 - FIRST AID MEASURES

Emergency & First Aid Procedures: Remove victim from contaminated area and if appropriate, remove contaminated clothing. Provide fresh air, irrigate with copious amounts of cool water. **Seek medical attention immediately if you have any pre-existing medical conditions or suffer from any adverse effects.**

Routes of Entry	First Aid Measures
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	Carefully remove & discard your contact lenses. Flush eyes with cool water for 15 minutes, or until relieved. Do not rub eyes. Get prompt medical attention.
3. Skin	Flush skin 15 to 20 minutes with soap and cold water, repeat as necessary. Do not rub, or use creams, salves or oils. 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: **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

Do not use for Bear Spray training. Use inert canister for Bear Spray training.

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
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
pH:	4.1		

SECTION 10 - STABILITY AND REACTIVITY

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

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>
Proper Shipping Name:	Aerosol, Flammable	Aerosol, Flammable
Hazard Class or Division:	2.1	2.1
Identification Number:	UN1950	UN1950
Packaging Group:	none	none
Label(s) Required:	2.1	FLAMMABLE GAS

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:	Aerosol, Flammable	Aerosol, Flammable	Aerosols, Flammable
Hazard Class or Division:	2.1	2.1	2.1
Identification Number:	UN1950	UN1950	UN1950
Packaging Group:	none	none	none
Label(s) Required:	2.1	FLAMMABLE GAS	2.1

SECTION 15 - REGULATORY INFORMATION**Information concerning particular hazards for human and environment:**

Contact with skin and inhalation of aerosols/vapors should be avoided. The product has to be labeled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Health hazard symbol:

Xi	IRRITANT
R36/37/38	IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.
S2	KEEP OUT OF REACH OF CHILDREN.
S24/25	AVOID CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE.
S36/37	WEAR SUITABLE PROTECTIVE CLOTHING AND GLOVES.

Warning! Pressurized container.

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

POISONS SCHEDULE: None

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: Not Listed

CLEAN AIR ACT (CAA): Not Listed

CLEAN WATER ACT (CWA): Not Listed

CALIFORNIA PROPOSITION 65: Not Listed

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(g)). 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 compliance requirements. Please note that states with OSHA-approved state plans may have additional requirements for chemical data sheets, outside of those outlined above. For more information on those standards, please visit <http://www.osha.gov/dcsp/osp/statestandards.html>.