

Material Safety Data Sheet

SABRE Civilian

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

Quick Identifier
1/1/2013

SECTION 1 - CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Manufacturer's Name:	SECURITY EQUIPMENT CORPORATION	Emergency Phone Number:	800-325-9568
Address:	747 SUN PARK DRIVE	Other Calls:	636-343-0200
City, State, Zip	FENTON, MO 63026	Fax Number:	636-343-1318
Chemical Name:	Oleoresin Capsicum (OC or Red Pepper) and Orthochlorobenzalmalononitrile (CS Tear Gas)		
Chemical Family:	Irritant Agent		
Trade Name:	SABRE Civilian		
Common Name:	Pepper Spray, OC Spray, Tear Gas		

SECTION 2 - HAZARDOUS INGREDIENTS / IDENTITY

Hazardous Component(s) (chemical & common name(s))	Content(s)	OSHA PEL	ACGIH TLV	Carcinogen (Yes / No)
Orthochlorobenzalmalononitrile (CS)	1.5%	N/A	N/A	No
Oleoresin Capsicum:	2.5%	N/A	N/A	No
Major Capsaicinoids	0.33%	N/A	N/A	No
Capsaicin CAS #404-86-4				
Nordihydrocapsaicin CAS #19408-84-5				
Dihydrocapsaicin CAS #28789-35				

HFC 134a is the exclusive propellant.

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 Para 1 (1) and Appendix D to CFR 1910.1200.

SECTION 3 - HAZARD IDENTIFICATION

SEVERE SKIN, EYE, RESPIRATORY & DIGESTIVE IRRITANT. CONTENTS UNDER PRESSURE. KEEP OUT OF THE REACH OF CHILDREN. DO NOT PUNCTURE OR INCINERATE CANISTER. DO NOT EXPOSE TO HEAT OR STORE ABOVE 120° F. DO NOT USE AFTER CANISTER'S EXPIRATION DATE. CONTENTS ARE DANGEROUS, USE WITH CARE.

HMIS Ratings: Health: 2 Fire: 1 Reactivity: 0

Signs & Symptoms Of Exposure: Ingredients cause irritation through all routes of entry.

EYE: Liquid or vapors may cause redness, burning, tearing, swelling and/or pain.

SKIN: Frequent or repeated contact with skin may cause burning, redness or skin irritation and dermatitis.

INGESTION: Ingestion may cause irritation to the mouth, throat and stomach, as well as nausea, vomiting, and/or diarrhea.

INHALATION: May cause irritation of the respiratory tract as coughing, sneezing, gagging, chest tightness and irritation to the throat and lungs.

MEDICAL CONDITIONS AGGRAVATED: May cause more severe, temporary, effects on those persons who are asthmatics or suffer from emphysema.

CARCINOGEN DATA: None of the Ingredients in this product are listed with OSHA, IARC or NTP as carcinogenic.

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.

Routes Of Entry

1. Inhalation:	Remove from contaminated area immediate. 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:

Non-Flammable; DO NOT USE with Electronic Immobilization Device

Flash Point: > 106° C (228° F)

Auto-Ignition Temperature: > 228° C (442° F)

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 or 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:	Orange/Yellow in color. Odor is pungent	Physical State:	Liquid
Boiling Point:	220° C (428° F)	Specific Gravity (H ₂ O = 1)	~0.92 @ 20° C
Solubility in Water:	Non-soluble	Vapor Pressure:	80 PSI

SECTION 10 - STABILITY AND REACTIVITY

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

SECTION 11 - TOXICOLOGICAL INFORMATION

Standard Draize Test: Severity: Moderately Irritating

Skin, rabbit, 500 mg

Standard Draize Test: Severity: Moderately Irritating

Eye, rabbit, 100 mg

ACUTE INHALATION LC50 (rat): >201.90 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:	Consumer Commodity	Consumer Commodity
Hazard Class or Division:	ORM-D	Class 9
Identification Number:	none	ID-8000
Packaging Group:	none	none
Label(s) Required:	none	Class 9 Miscellaneous

INTERNATIONAL TRANSPORTATION REGULATIONS

	<u>GROUND</u>	<u>AIR</u>	<u>OCEAN</u>
Proper Shipping Name:	Consumer Commodity	Consumer Commodity	Aerosols, Non-Flammable
Hazard Class or Division:	ORM-D	Class 9	2.2
Identification Number:	none	ID-8000	UN1950
Packaging Group:	none	none	none
Label(s) Required:	none	Class 9 Miscellaneous	Class 2

SECTION 15 - REGULATORY INFORMATION

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

CANADIAN WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEMS (WHMIS): Not Listed

SECTION 16 - OTHER INFORMATION

Format and Preparation Complies with ANSI Z400.1-1993

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