

# 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	Model #'s:	PEN-14, M-60, HM-80, M-120L, M-120FT, S-HAPK
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) end 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.

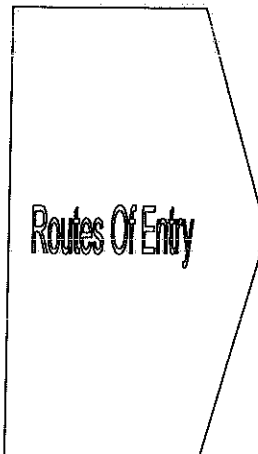
**INHALATION:** May cause irritation of the respiratory tract as coughing, sneezing, gagging, chest tightness and irritation to the throat and lungs.

**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.



1. <i>Inhalation:</i>	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. <i>Eyes:</i>	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. <i>Skin:</i>	Flush with cool water for at least 15 minutes. Wash with mild soap and water. Seek medical attention if irritation persists.
4. <i>Ingestion:</i>	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 (H2O = 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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