

Material Safety Data Sheet

SABRE Red USA 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
1/1/2011

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 (Red Pepper)	Model #'s:	14-OC-US, KR-14-US, KR-14-US-02, FHP-01
Chemical Family:	Irritant Agent		HC-14-BK-US, HC-14-BK-US-02, HC-14-PK-US, HC-NBCF-01,
Trade Name:	SABRE Red USA Civilian		NRA-HC-01-TC, HC-NBCF-02, KR-NBCF-02, SPKC-BK-US,
Common Name:	Pepper Spray, OC Spray		SPKC-PC-US, SPKC-GC-US, P-22-OC-US, P-22J-OC-US,
P-22J-PK-US, CY-35-US, SRU-HAPK, FHP-01, P-BX-HC-NBCF-01, NRA-HC-01-TC, NRA-MK-3-H, MK-3-AM-US, LS-22-US			

SECTION 2 - HAZARDOUS INGREDIENTS / IDENTITY

Hazardous Component(s) (chemical & common name(s))	Content(s)	OSHA PEL	ACGIH TLV	Carcinogen (Yes / No)
Oleoresin Capsicum:	10%	N/A	N/A	No
Scoville Heat Units	1,000,000	N/A	N/A	No
Major Capsaicinoids	0.67%	N/A	N/A	No
Capsaicin CAS #404-86-4				
Nordihydrocapsaicin CAS #19408-84-5				
Dihydrocapsaicin CAS #28789-35				
HFC 134a				

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 CAN. 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:

Red/Orange in color. Odor is pungent

Physical State:

Liquid

Boiling Point:

230° C (446° F)

Specific Gravity
(H₂O = 1)

~0.95 @ 20° C

Solubility in Water:

Soluble

Vapor Pressure:

100 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:	Slightly Irritating
Skin, rabbit, 500 mg		
Standard Draize Test:	Severity:	Mildly Irritating
Eye, rabbit, 100 mg		
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 (<120mL)</u>	<u>AIR (>120mL)</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 LTD QTY	2.2

INTERNATIONAL TRANSPORTATION REGULATIONS

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

	<u>GROUND</u>	<u>AIR (<120mL)</u>	<u>AIR (>120mL)</u>	<u>OCEAN</u>
Proper Shipping Name:	Consumer Commodity	Consumer Commodity	Aerosols, non-flammable	Aerosols, non-flammable
Hazard Class or Division:	ORM-D	CLASS 9	2.2	2.2
Identification Number:	none	ID-8000	UN1950	UN1950
Packaging Group:	none	none	none	none
Label(s) Required:	none	CLASS 9 LTD QTY	2.2	2.2

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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