

# Material Safety Data Sheet

SABRE Red H2O & CFT

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

**Quick Identifier**  
1/1/2014

## 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:	52H2O06, 52H2O06x, 52H2O08, 52H2O1010
Chemical Family:	Irritant Agent		72H2O1010, 52H2O10, 52H2O20, 52H2O30,
Trade Name:	SABRE Red H2O & CROSSFIRE Stream		92H2O50, 92H2O60, 52H2ONY-BK, 32CFT20
Common Name:	Pepper Spray, OC Spray		52CFT1010, 52CFT10, 12CFT20, 52CFT20
			52CFT30, 52H2O22-PC, 52H2O22-BC, 52H2O22

## 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	2,000,000	N/A	N/A	No
Major Capsaicinoids	1.33%	N/A	N/A	No
Capsaicin CAS #404-86-4				
Nordihydrocapsaicin CAS #19408-84-5				
Dihydrocapsaicin CAS #28789-35				

### Nitrogen

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

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.

Emergency & First Aid Procedures:

## Routes Of Entry

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; Electronic Immobilization Device Compatible

Flash Point: NA Auto-Ignition Temperature: NA

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: 100° C (212° F) Specific Gravity (H<sub>2</sub>O = 1) ~1.0 @ 20° C

Solubility in Water: Soluble Vapor Pressure: 140 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 (&lt;120mL)</u>	<u>AIR (&gt;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 (&lt;120mL)</u>	<u>AIR (&gt;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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