

# 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:          | <b>SABRE Red H2O &amp; CROSSFIRE Stream</b> |                         | 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. 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; Electronic Immobilization Device Compatible

Flash Point: NA

Auto-Ignition  
Temperature:

NA

Extinguishing  
Media:

Halon, Carbon Dioxide, Dry Chemical or Water

Special Fire  
Fighting

Wear respirator or self-contained breathing apparatus.

Procedures:

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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