

Material Safety Data Sheet

ASP

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

Quick Identifier
10/1/2006

SECTION 1 - CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Manufacturer's Name:	SECURITY EQUIPMENT CORPORATION	Emergency Phone Number:	800-325-9568
Address:	330 SUN VALLEY CIRCLE	Other Calls:	636-343-0200
City, State, Zip:	FENTON, MO 63026	Fax Number:	636-343-1318
Chemical Name:	Oleoresin Capsicum (Red Pepper)		
Trade Name:	ASP Heat Fill		

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

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 AND EYE 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.

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 skin irritation and dermatitis.

INGESTION: Ingestion may cause nausea, vomiting, and/or diarrhea.

INHALATION: May cause irritation of the respiratory tract.

MEDICAL CONDITIONS AGRAVATED: 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.
Emergency & First Aid Procedures: Provide fresh air, irrigate with copious amounts of cool water. Obtain medical advice if symptoms persist.

Routes Of Entry

1. *Inhalation:* Provide fresh air.
2. *Eyes:* Only exposed subject or EMS should remove subject's contact lenses. Irrigate with cool water at least 15 minutes, or until relieved.
3. *Skin:* Flush with cool water. Wash with mild soap and water.
4. *Ingestion:* Rinse mouth with water. Ingest milk or water. Obtain medical advice immediately.

SECTION 5 - FIRE-FIGHTING MEASURES

Flammability Classification 16 CFR 1500.45: Non-Flammable; Electronic Immobilization Device Compatible

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.

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

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 degrees F.
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 required under normal conditions of use.

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: Normal

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: Mildly 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</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
Revision Date: 10-01-2006. Supercedes any prior versions.

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