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## Material Safety Data Sheet

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### SELF DEFENSE IRRITANT SPRAY 1 LB FOGGER - PE16

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#### 1. CHEMICAL PRODUCT IDENTIFICATION

MSDS #: A08  
 REVISION DATE: 1/21/2002  
 EDITION: 001  
 PRODUCT NAME: Self Defense Irritant Spray  
 PRODUCT TYPE: Self Defense Irritant Spray

#### 2. COMPOSITION INFORMATION ON INGREDIENTS

| Ingredient:               | CAS#:     | %:    |
|---------------------------|-----------|-------|
| METHYLENE CHLORIDE        | 75-09-2   | 20-22 |
| ISOPROPYL ALCOHOL         | 67-63-0   | 25.0  |
| 1,1,1,2-TETRAFLUOROETHANE | 811-97-2  | 50-53 |
| OLEORESIN CAPSICUM        | 8023-77-6 | 2     |
| UV DYE                    | 7128-64-5 | .1    |

#### 3. HAZARDS IDENTIFICATION

| HMIS:                |                             | NFPA:           |                                      |
|----------------------|-----------------------------|-----------------|--------------------------------------|
| HEALTH               | 2                           | HEALTH HAZARD   | 2                                    |
| FLAMMABILITY         | 1                           | FIRE HAZARD     | 1                                    |
| REACTIVITY           | 0                           | INSTABILITY     | 1                                    |
| PERSONAL PROTECTION: | Gloves, goggles, respirator | SPECIFIC HAZARD | Aerosol containers may burst in fire |

NOTE: HMIS and NFPA ratings involve data and interpretations that may vary from company to company. They are intended only for rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe handling of this material, all the information contained in this MSDS must be considered.

#### 4. FIRST AID

- INHALATION:** Remove to fresh air. Give artificial respiration or oxygen if needed. Call a physician.
- EYES:** Remove contact lenses and flush with plenty of water for at least 15 minutes. Consult a physician.
- SKIN:** Remove contaminated clothing. Flush with water for 15 minutes. Wash with soap and water. Do not cover effected area or use creams or ointments for 6 hours. Call a physician.
- INGESTION:** Drink large quantities of water. Do not induce vomiting. Take immediately to a hospital or physician.

#### 5. FIRE FIGHTING MEASURES

**FLASH POINT:** None (TOC) (COC)

**FLAMMABILITY LIMITS:**

(% BY VOLUME IN AIR) LOWER: 7.8

(% BY VOLUME IN AIR) UPPER: 52.0

**RECOMMENDED EXTINGUISHING AGENTS:** Foam, Dry Chemical

**HAZARDOUS PRODUCTS FORMED BY FIRE OR THERMAL DECOMPOSITION:** Phosgene, Irritating Fumes.

**UNUSUAL FIRE OR EXPLOSION HAZARDS:** Aerosol cans will burst in fire, some projectile hazard.

**COMPRESSED GASES:** 1,1,1,2-TETRAFLUROETHANE

**PRESSURE AT ROOM TEMPERATURE:** 100 PSIG

#### 6. ACCIDENTAL RELEASE MEASURES

**STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK:** Absorb on appropriate sorbant, provide increased ventilation.

#### 7. HANDLING AND STORAGE

**HANDLING:** Handle with care as any aerosol product, keep out of the reach of children.

**STORAGE:** Store below 100F in shipping carton provided.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**EYES:** Splash goggles.  
**SKIN:** Protective clothing.  
**VENTILATION:** Adequate or forced ventilation.  
**NOTE:** FIRE FIGHTING PERSONNEL MUST USE AIR PACK.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**VAPOR PRESSURE @ 70 F:** 40 PSIG @ 20 C  
**VAPOR DENSITY (AIR = 1):** 3.9  
**SOLUBILITY IN WATER (WT%):** 1  
**SPECIFIC GRAVITY (H<sub>2</sub>O = 1):** 1.14 @ 25/25 C  
**BOILING POINT:** -10 C  
**EVAPORATION RATE (Buac = 1):** 1  
**PH:** N/A  
**APPEARANCE:** Orange Liquid  
**ODOR:** Pungent, Highly Irritating  
**WEIGHT % VOLATILE:** 98.0

## 10. STABILITY AND REACTIVITY

**STABILITY:** Stable at ambient temperatures.  
**HAZARDOUS POLYMERIZATION:** Will not occur.  
**HAZARDOUS DECOMPOSITION PRODUCTS (NON-THERMAL):** None  
**INCOMPATIBILITY:** Strong oxidizers, finely divided alkaline metals, caustic soda, strong acids and strong alkalis.

## 11. TOXICOLOGICAL INFORMATION

**TOXICITY:** Strong skin and eye irritant. Harmful if swallowed.  
**PRIMARY ROUTES OF ENTRY:** Inhalation, skin, ingestion.  
**SIGNS AND SYMPTOMS OF EXPOSURE:** Respiratory and skin irritation. Very high inhaled amounts can cause dizziness, unconsciousness or even death. Skin contact can cause local irritation, or general allergic reaction in sensitive individuals.  
**EXISTING CONDITIONS AGGRAVATED BY EXPOSURE:** Certain allergies in sensitive individuals.  
**EXPOSURE LIMITS (for ingredients):**

- Methylene chloride: OSHA 8-hr TWA 100 ppm
- 1,1,1,2-Tetrafluoroethane: Weel (AIHA) 1000 PPM

□ Isopropyl Alcohol: TWA 400 PPM  
TARGET ORGANS (for ingredients):

- |                               |                               |
|-------------------------------|-------------------------------|
| □ Methylene chloride:         | Nervous system, Ocular        |
| □ 1,1,1,-2-Tetrafluoroethane: | Nervous system, Cardiac       |
| □ Oleoresin capsicum:         | Irritant, Ocular, Respiratory |
| □ Isopropyl Alcohol:          | Ocular, Respiratory           |

## 12. ECOLOGICAL INFORMATION

No specific ecological data area available for this product. Please refer to Section 6 for information regarding accidental releases.

## 13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with all federal, state, and local environmental laws.

## 14. TRANSPORT INFORMATION

|                       |                    |
|-----------------------|--------------------|
| DOT STATUS:           | N/A                |
| PROPER SHIPPING NAME: | Consumer Commodity |
| I.D. NUMBER:          | ORM-D              |
| REPORTABLE QUANTITY:  | None               |

## 15. REGULATORY INFORMATION

TOXIC SUBSTANCE CONTROL ACT (TSCA): All ingredients are on the TSCA Inventory or are not required to be listed on the TSCA Inventory.

## 16. OTHER INFORMATION

### DISCLAIMER:

The supplier provides no warranty and no guarantee, either express or implied, and assumes no responsibility for the accuracy or completeness of the data contained herein. Safe handling and use of this product remains the responsibility of the user. No suggestions for use are intended as, and nothing herein shall be construed as, a recommendation to infringe upon any existing patents or violate any Federal, State or local laws.