



## SAFETY DATA SHEET

### Section 1. Identification

Recommended Use: Organic pepper spray concentrate for use in Priax, Hydro-Force Series or other, pepper spray ejectors in personal protection, individual and crowd control applications. Available only to certified law enforcement and military organizations.

### Section 2: Hazards Identification

#### 2.1 Classification

Skin Irritation  
Eye Irritation  
Breathing Irritation

#### 2.2 Precautionary Statements

Wash hands and face thoroughly after handling.  
Wear protective gloves, protective clothing, eye protection and face protection.  
If swallowed, call a poison center, 911 or see a doctor immediately.  
If eye contact, rinse cautiously with water for several minutes.  
If skin irritation occurs, get medical attention.  
If eye irritation persists, get medical attention.

### Section 3: Composition/Information on Ingredients

<b>Hazardous Components</b>	<b>OSHA PEL</b>	<b>ACGIH TLV</b>	<b>Other Limits Recommended</b>	<b>%</b>
Oleoresin Capsicum CAS #8023-776	N/A	N/A	N/A	10
Propylene Glycol CAS #57-55-6	N/A	N/A	N/A	15
Specially Denatured Alcohol CAS #64-17-5	1000 ppm	1000 ppm	N/A	25
Distilled Water CAS #7732-18-5	N/A	N/A	N/A	50

### Section 4: First Aid Measures

General First Aid Measures: If you feel sick, seek medical advice immediately.

Inhalation First Aid Measures: Remove person to fresh air and position them comfortable for breathing.

Skin contact First Aid Measures: Remove contaminated clothing and wash exposed skin area with mild soap and water. Wash lightly but do not scrub. If skin irritation occurs seek medical attention.

Eye contact First Aid Measures: Rinse cautiously with plenty of water for several minutes.

Remove contact lenses, if present. If eye irritation persists, such as, pain, excessive blinking or redness, seek medical advice.

Swallowing First Aid Measures: Rinse mouth. Do not induce vomiting. Seek Medical advice immediately.

Important Symptoms: Skin irritation, watering or burning eyes, and breathing difficulty.

### Section 5: Fire Fighting Measures

Characteristics: Flash Point: 220degrees F, (SW846-1010)

Suitable Extinguishing Media: Water spray, sand, foam, carbon dioxide.

Special Hazards: Wear breathing equipment to remove possible breathing irritation.

Protection During Firefighting: Wear protective equipment including respiratory protection.

## **Section 6: Accidental Release Measures**

Personal Precautions: Move away from the area. Evacuate unnecessary personnel. Ventilate area.

Emergency Procedures: Ventilate area. Equip cleanup crew with protective equipment before attempting cleanup. Clean spilled liquid with absorbent material. Flush with lots of water.

Environmental Precautions: Material is water soluble and bio-degradable. Flush with lots of water.

## **Section 7: Handling and Storage**

Precautions for Safe Handling: Provide good ventilation before this material is exposed (i.e., container is opened). Wear personal protective equipment including safety glasses.

Avoid contact with skin or eyes. Wash hands and face after handling.

Conditions for Safe Storage: Retain container in sealed bottle and within environmentally sealed plastic bag until prepared for use. Avoid storage in direct sunlight. Storage temperature range: 32-120 degrees F (0-48 degrees C).

## **Section 8: Exposure Controls/Personal Protection**

Control parameters:

Pepper Spray

ACGIH: N/A

OSHA: N/A

Capsicum (CAS #8023-776)

ACGIH: N/A

OSHA: N/A

Engineering Controls/Protective Measures:

Ensure good ventilation at work area

Wear personal protective equipment, including safety glasses

Wear appropriate breathing mask.

Avoid unnecessary spillage.

Avoid unnecessary agitation that could volatilize liquid.

## **Section 9: Physical and Chemical Properties:**

Appearance: Creamy Red or clear liquid, similar to viscosity of water.

Flammability: N/A

Odor: Pungent

Vapor Pressure: N/A

Relative Density: Specific Gravity: .955 (H<sub>2</sub>O=1)

Freezing Point: 30 degrees F (-1.1 degrees C)

Solubility: Soluble in water

Boiling Point: 220 degrees F (104 degrees C)

Flash Point: 220 degrees F (104 degrees C)

Evaporation Rate: N/A

Flammability: N/A

Partition coefficient: N/A

Auto-ignition Temperature: N/A

Decomposition Temperature: 220 degrees F (104 degrees C)

Viscosity: 1400 SSU (@70 degrees F)

## **Section 10: Stability and Reactivity**

Reactivity: N/A (organic)

Chemical Stability: Stable at temperatures below 220 degrees F (104 degrees C)

Stabilizers required: N/A

Safety Issues from Change in Appearance: None

Possibility of Hazardous Reactions: None

Conditions to Avoid: Agitating liquid to cause volatilization.

Incompatible Materials: None

Hazardous Decomposition Products: Fumes

## **Section 11: Toxicological Information**

Acute Toxicology: None. Material is Food Grade organic material.  
Skin Irritation: Skin irritation, prolonged contact can cause blistering)  
Eye Irritation: Burning/watering. Long term effects not known.  
Respiratory Irritation: Severe distress. Long term effects not known.  
Ingestion Irritation: Irritation of all interior linings. Long term effects not known.  
Carcinogenicity: None

#### **Section 12 Ecological Information**

Toxicity to Aquatic Organisms: None  
Biodegradation: 1 to 5 days  
Bioaccumulation potential: None  
Possible Groundwater Contamination: None  
Other possible environmental effects: None (rapidly biodegradable)

#### **Section 13: Disposal Considerations**

Disposable Containers: Dispose of in accordance with waste disposal requirements for organic food-grade liquids.  
Disposable recommendations: Water soluble. Dilute with water to 5% solution and dispose of in normal sewer/waste treatment facilities.

#### **Section 14: Transport Information**

Transport in accordance with Department of Transportation requirements: Not regulated for transport.  
Transport by land carrier: No special handling requirements.  
Transport by sea carrier: No special handling requirements.  
\_ No special handling requirements.

#### **Section 15: Regulatory Information**

U.S. Federal Regulations: None  
Canada Regulations: N/A  
Mexico Regulations: N/A  
EU Regulations: N/A

#### **Section 16: Other Information**

None.