

# Material Safety Data Sheet

Reliapon Police Products, Inc.  
3112 Seaborg Avenue, Suite C  
Ventura, CA 93003-7648

**Quick ID:** STROAM®  
**Phone:** 800-423-0668  
**Fax:** 800-440-3403  
**Prepared:** 01/02/05  
**Updated:**

**MSDS Date:** 01/02/05  
**Product Name:** STROAM®  
**Manufacturer:** Reliapon Police Products, Inc.

## I. Product and Company Description

Reliapon Police Products, Inc.  
3112 Seaborg Avenue, Suite C  
Ventura, CA 93003-7648

**For Product Information:**  
800-423-0668

**Emergency Phone Number:**  
800-424-9300

**Chemical Name or Synonym:**  
Aerosol, Non-Flammable

**Product Class:** Self Defense Spray, Aerosol

**Code Number:** STR

**MSDS Number:** 04-500A

## II. Chemical Composition

***NOTE: THIS PRODUCT CONTAINS NO CARCINOGENS OR ISOPROPYL ALCOHOL.***

Component	CAS#
Foam Inert Formula (Trade Secret)	N/A
Oleoresin Capsicum	N/A
Oleoresin Piperine	N/A
HFC 134a	811-97-2
Nitrogen	7727-37-9

## III. Hazards Identification

### **Potential Health Effects:**

**Acute Eye:**

This product is an eye irritant. Tearing and redness may occur.

**Acute Skin:**

Skin contact may cause frostbite.

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## **Acute Inhalation:**

Product acts as an inflammatory agent, causing blood to flow to affected area and feeling of restricted airway.

## **Acute ingestion:**

May cause severe burning heartburn sensation and nausea if swallowed.

## **IV. First Aid Measures**

### **First Aid Measures for Accidental:**

#### **Eye Exposure:**

Flush eyes with large quantities of water to speed recovery. Face subject into wind or a forced air source such as a fan or air conditioner outlet.

#### **Skin Exposure:**

Wash affected areas with soap and water to avoid transfer to more sensitive areas.

#### **Inhalation:**

Move to fresh air.

#### **Ingestion:**

Never give fluids or induce vomiting if the victim is unconscious or having convulsions. SEEK MEDICAL ATTENTION.

## **V. Fire Fighting Measures**

### **Fire Hazard Data:**

**Flash Point:** N/A

**Autoignition:** N/A

**Flammability Limits (vol/vol%):**                      **Lower:** N/A                      **Upper:** N/A

#### **Extinguishing Media:**

This material is not combustible. Use agent most appropriate to extinguish surrounding fire.

#### **Special Fire Fighting Procedures:**

Fire fighters should wear SCBA and full protective clothing. Use water spray to cool nearby containers and structures exposed to fire.

#### **Unusual Fire and Explosion Hazards:**

Do not expose to heat or flame or store above 120°F, as high internal pressures may cause cylinders to rupture.

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## VI. Accidental Release Measures

### Cleanup and Disposal of Spill:

Ventilate and remove all possible sources of ignition. Avoid prolonged breathing of vapors. Confine spill with inert absorbers. Wear protective equipment during clean up operations. Keep out of sewers, storms drains, surface water, and soil. Incinerate in an approved incinerator or dispose of in accordance with Local, State and Federal Regulations.

## VII. Handling and Storage

### Handling/Storage:

DO NOT STORE IN DIRECT SUNLIGHT OR AT TEMPERATURES ABOVE 120°F. Store in cool, dry area away from sources of ignition. When storing large quantities, store in building designed and protected against fire.

## VIII. Exposure Controls / Personal Protection

### Exposure Guidelines:

Component	ACGIH	OSHA-PELs	Other
Foam Inert Formula (Trade Secret)	N/A	N/A	N/A
Oleoresin Capsicum	N/A	N/A	N/A
Oleoresin Piperine	N/A	N/A	N/A
HFC 134a	N/A	N/A	1000 ppm (WEEL)
Nitrogen	N/A	N/A	N/A

### Engineering Controls:

Ventilation must be adequate to maintain the ambient workplace atmosphere below the exposure limit(s) outlined in the MSDS.

### Respiratory Protection:

Use NIOSH / MSHA approved chemical /mechanical type filter system to remove a combination of particles, gas and vapor. Use air line if necessary.

### Eye / Face Protection:

Safety glasses or goggles with splash guards or side shields.

### Skin Protection:

Use rubber gloves. Prevent prolonged skin contact to contaminated clothing.

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## IX. Physical and Chemical Properties

**Physical Appearance:** Amber to Light Red  
**Odor:** Slight Ethereal, Pungent  
**pH:** ND  
**Specific Gravity:** 1.02  
**Water Solubility:** 100%  
**Melting Point:** N/A  
**Freezing Point:** ND  
**Boiling Point:** 97 deg C  
**Vapor Pressure:** 100 psi at 25 deg C (77 deg F)  
**Vapor Density:** 1.00  
**Percent Volatiles by Weight:** Approximately 85%  
**Viscosity:** ND

## X. Stability and Reactivity

**Chemical Stability:**  
Stable

**Conditions to Avoid:**  
Heat, open flame, welding arcs or other high temperature sources, which may induce thermal decomposition.

**Materials / Chemicals to Be Avoided:**  
Strong acids, alkalis, oxidizing materials, possibly sodium, potassium and magnesium.

**Hazardous Decomposition Products:**  
None

**Hazardous Polymerization:**  
Will not occur.

## XI. Toxicological Information

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**Acute Oral Toxicity:**  
ND

## XII. Ecological Information

**Ecotoxicological Information:**  
None

## XIII. Disposal Considerations

**Waste Disposal Method:**  
Dispose of in accordance with federal, state and local regulations.

## XIV. Transportation Information

**US Department of Transportation Shipping Name:**  
ORM-D Consumer Commodity

## XV. Regulatory Information

### Federal Regulations:

**SARA Title III Hazard Classes:**

Fire Hazard:	No
Reactive Hazard:	No
Release of Pressure:	No
Acute Health Hazard:	No
Chronic Health Hazard:	No

**TSCA**

All components of this product are on the TSCA inventory or are not required to be listed.

### **Other Regulations:**

**State**

California Prop. 65: No chemicals in this product are listed.

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## XVI. Other Information

### Key Legend Information:

N/A - Not Applicable

ND - Not Determined

ACGIH - American Conference of Governmental Industrial Hygienists

OSHA - Occupational Safety and Health Administration

TLV - Threshold Limit Value

PEL - Permissible Exposure Limit

TWA - Time Weighted Average

STEL - Short Term Exposure Limit

NTP - National Toxicology Program

IARC - International Agency for Research on Cancer

The information contained herein is based on the data available to us and is believed to be correct. However Reliapon Police Products, Inc. makes no warranty, expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof.