

Combined Systems, Inc.

MSDS

Material Safety Data Sheet

Emergency Number: 1-800-535-5053 (INFOTRAC)

Non-Emergency Number: (888)-989-7800

CTS Level 2 Pepper Spray - Stream Spray Pattern: Major Capsaicinoids 0.67%

1. Product Identification

MSDS: # A03a-1-2-1
Date: Revised 01.04.2011
Edition: 004

Model Number(s): 1321, 1421, 1624, 1921, 1121R, 1221R

Product Type: Aerosol Defense Pepper Spray

2. Composition

Ingredients:	CAS NO.	Ingredients:	CAS NO.
Propylene Glycol USP-13%.....	57-55-6	Distilled Water- 58%.....	N/A
Capsaicinoids-0.67%.....	404-86-4	SDA 40B-28%.....	64-17-5
Nitrogen.....	1727379		

3. Hazards Identification

Eye Contact: May cause superficial keratitis and conjunctivitis.
Skin Contact: May cause skin irritation to sensitive parts upon direct contact.
Ingestion: May cause irritation to stomach.
Inhalation: May cause irritation in the lungs.
Appearance: Translucent / Yellowish Liquid
Odor: None

4. First Aid Measures

Eye Contact: Remove contact lenses. Flush with plenty of water for at least 15 minutes. If symptoms persist, consult a physician.
Skin Contact: Remove contaminated clothing. Flush with water for 15 minutes. Wash with soap and water. Do not cover affected areas with creams or ointments for 6 hours.
Ingestion: Drink large quantities of water. Do not induce vomiting. Take immediately to a hospital or physician.
Inhalation: Remove to fresh air. Give artificial respiration if necessary. If symptoms persist, call a physician. Do not use Epinephrine.

5. Fire and Explosion Hazards

Closed Cup Flash Point: 212° F
NFPA Hazard Rating: Health Hazard: 1
Fire Hazard: 1
Reactivity Hazard: 0
Specific Hazard: Contents under pressure. Contents will discharge under fire conditions.
Estimate HMIS Code: Health Hazard: 1
Flammability Hazard: 1
Reactivity Hazard: 0
Personal Protection: Gloves, Goggles, and Respirator
Flammability Limits @ 25° C:
(% By volume in air) Lower: Not Known
(% By volume in air) Upper: Not Known
Recommended Extinguishing Agents: Dry Chemical, CO2, or Water Spray
Cool Containers if exposed to fire or high heat. Contents will discharge under fire conditions.

6. Accidental Release Measures

Steps to be taken in case of spill or leak: . . . Extinguish all flames. Absorb on appropriate sorbant. Shovel into waste container.
Recommended methods of disposal: Dispose of in accordance with all federal, state, and local environmental laws.
Fire fighting personnel must use an Air Pack.

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7. Handling and Storage

Storage: Store below 120° F in shipping carton provided.
Handling: Handle with care. Keep out of the reach of children.

8. Exposure Controls and Personal Protection

Eye Protection: Wear chemical resistant goggles.
Skin Protection: Wear protective clothing.
Ventilation: Use Chemical Respirator, NIOSH Approved.
Other: Use solvent resistant type with full jacket.
Note: Fire Fighting personnel must use an air pack.

9. Physical and Chemical Properties

Vapor Pressure @ 70° F: Never Been Determined
Vapor Density (Air = 1): Never Been Determined
Boiling Point: Between 179° F - 368° F
Appearance: Translucent / Yellowish

Evaporation Rate (Ether = 1): Not Known
Solubility in water (WT%): Soluble
Specific Gravity (H2O = 1): 0.97
Odor: Pungent

10. Stability and Reactivity

Hazardous Products formed by thermal decomposition: None.
Unusual Fire or Explosion Hazards: Contents will discharge in fire.
Stability: Stable at ambient temperatures.
Hazardous Polymerization: Will not occur.
Hazardous Decomposition Products (Non-Thermal): None

11. Toxicological Information

Toxicity: Strong skin and eye irritant. Oral LD 50 (Rat) 7.65GR/KG
Primary routes of entry: Inhalation, skin, and ingestion.
unconsciousness, and asphyxia. Skin contact may cause local irritation or a general allergic reaction in sensitive individuals. Signs and Symptoms of Exposure: Respiratory and skin irritation. High-inhaled amounts may cause dizziness, Existing conditions aggravated by exposure: Certain allergies in sensitive individuals.

12. Ecological Information

This material released directly or indirectly into the environment is not expected to have a significant impact.

13. Disposal Considerations

Recommended methods of disposal: Dispose of in accordance with all federal, state, and local environmental laws.

14. Transport Information

DOT Hazard Class: 2.2
Proper Shipping Name: Aerosol, non-flammable
I.D. Number: UN 1950
Reportable Quantity: N/A
Note: Qualifies for Consumer Commodity, ORM-D exemption.

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, as recommendation to infringe upon any existing patents or violate any Federal, State, or Local laws.