

Material Safety Data Sheet

LIQUID AGENT - PRACTICE

May be used to comply with OSHA's Hazard Communication Standard, 29CFR 1910. 1200. Standard must be consulted for specific requirements.

QUICK IDENTIFIER
Common Name: (used on label and list)

1163 - 37mm Liquid Ferret Round

SECTION 1 -

Manufacturer's

Name *Defense Technology / Federal Laboratories*

Address

Postal Box 248

Emergency Telephone No.

(800) 424-9300

City, State, and ZIP

Casper, Wyoming 82602

Other Information Calls

(877) 248-3835

Signature of Person Responsible for Preparation (Optional)

Date Prepared

11/01/04

SECTION 2 - HAZARDOUS INGREDIENTS / IDENTITY

Hazardous Component(s) (chemical & common name(s))	OSHA PEL	ACGIH TLV	Other Exposure Limits	% (optional)	CAS NO.
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<i>Methylene Chloride</i>	<i>500 ppm</i>	<i>50ppm</i>	<i>N/A</i>		<i>000075-09-2</i>
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<i>Rhodamine B</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>		<i>81-88-9</i>
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SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point	<i>104° F (39.8° C)</i>	Specific Gravity (H ₂ O = 1)	<i>1.320 @ 20° C</i>	Vapor Pressure (mm Hg)	<i>340 @ 20° C</i>
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Vapor Density (Air = 1)

Solubility in Water	<i>2.0g/100 G @ 25° C</i>	Reactivity in Water	
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Appearance and Odor	<i>Reddish Liquid</i>	Melting Point	<i>N/A</i>
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SECTION 4 - FIRE & EXPLOSION DATA

Flash Point	<i>N/A F.C.</i>	Method Used	Flammable Limits in Air % by Volume	LEL Lower	UEL Upper
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Auto-Ignition Temperature	<i>N/A</i>	Extinguisher Media	<i>Water Fog</i>
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Special Fire Fighting Procedures

Unusual Fire and Explosion Hazards *Contents form flammable vapor-air mixtures at temperatures above ambient. Lower temperatures increase the difficulty of getting it to ignite.*

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SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA)

Stability Unstable Stable Conditions to Avoid *Hydrolysis producing small amounts of hydrochloric acid.*

Incompatibility (Materials to Avoid) *Aluminum, Magnesium, Potassium, and possibly Sodium.*

Hazardous Decomposition Products *Open flames and welding areas can cause thermal degradation with the evolution of Hydrogen Chloride and very small amounts of Phosgene and Chlorine.*

Hazardous Polymerization May Occur Will Not Occur Conditions to Avoid *N/A*

SECTION 6 - HEALTH HAZARDS

1. Acute *See Signs and Symptoms* 2. Chronic *See Signs and Symptoms*

Signs and Symptoms of Exposure *May cause irritation of the eyes and skin.*

Medical Conditions Generally Aggravated by Exposure *None listed.*

Chemical Listed as Carcinogen or Potential Carcinogen National Toxicology Program Yes No I.A.R.C. Monographs Yes No OSHA Yes No

Emergency and First Aid Procedures *Irrigate with flowing water, consult physician if swallowed. Do not induce vomiting. Transport to hospital.*

ROUTES OF ENTRY

- 1. Inhalation *Remove to fresh air; give oxygen if necessary.*
- 2. Eyes *Flush with water for at least 15 minutes.*
- 3. Skin *Remove contaminated clothing; wash with soap and water.*
- 4. Ingestion *Contact physician.*

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL / LEAK PROCEDURES

Precautions to be Taken in Handling and Storage *Avoid breathing vapors. Store in well closed containers and keep in cool place.*

Other Precautions *Keep out of water.*

Steps to be Taken in Case Material is Released or Spilled *Mop up immediately. Remove to out of doors.*

Waste Disposal Methods (Consult Federal, State, and Local Regulations) *Licensed reclaimer of permitted incinerators.*

SECTION 8 - SPECIAL PROTECTION INFORMATION / CONTROL MEASURES

Respiratory Protection (Specify Type) *Approved full face self-contained breathing apparatus or gas mask.*

Ventilation Local Exhaust Yes Mechanical (General) *N/A* Special *N/A* Other

Protective Gloves *N/A* Eye Protection *Goggles*

Other Protective Clothing or Equipment *Coveralls*

Work/Hygienic Practices *Avoid breathing vapors.*

IMPORTANT

Do not leave any blank spaces. If required information is unavailable, unknown, or does not apply, so indicate.