

# Material Safety Data Sheet

**FIRST DEFENSE® - INERT**

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)  
**5149 - MK4 First Defense Inert Stream**

## 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.
<i>Specialty Denatured Alcohol (SDA) 40B</i>	<i>1,000 ppm</i>	<i>1,000 ppm</i>	<i>N/A</i>	<i>10%</i>	<i>64-17-5</i>
<i>Deionized H2O</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	<i>80%</i>	<i>N/A</i>
<i>Propylene Glycol USP</i>	<i>PEL/TLV not established</i>			<i>10%</i>	<i>57-55-6</i>
	<i>for this material</i>				

## SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point	<i>220°</i>	Specific Gravity (H2O = 1)	Vapor Pressure (mm Hg)	<i>N/A</i>
		Vapor Density (Air = 1)		<i>N/A</i>
Solubility in Water	<i>Soluble</i>	Reactivity in Water		<i>None</i>
Appearance and Odor	<i>Clear liquid / slight alcohol odor</i>	Melting Point		<i>N/A</i>

## SECTION 4 - FIRE & EXPLOSION DATA

Flash Point	<i>220°</i>	Method Used	<i>SW846-1010</i>	Flammable Limits in Air % by Volume	<i>N/A</i>	LEL Lower	<i>N/A</i>	UEL Upper	<i>N/A</i>
Auto-Ignition Temperature	<i>220° F.</i>	Extinguisher Media			<i>Water, foam, dry chemical CO2.</i>				
Special Fire Fighting Procedures	<i>Wear respirator or self-contained breathing apparatus to avoid irritation.</i>								
Unusual Fire and Explosion Hazards	<i>None.</i>								

