

Material Safety Data Sheet

FIRST DEFENSE® / PEPPER FOAM

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)
5046 - MK4 First Defense/Pepper Foam

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>Capsaicinoids</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>		<i>404-86-4</i>
<i>Propylene Glycol</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>		<i>57-55-6</i>
<i>2-Propylene Glycol</i>	<i>400 ppm</i>	<i>400 ppm</i>	<i>N/A</i>		<i>67-63-0</i>
<i>Alkanolamide</i>	<i>N/A</i>	<i>0.46 ppm</i>	<i>N/A</i>		<i>111-42-2</i>

134 Liquefied Propellant

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point	<i>>220°</i>	Specific Gravity (H2O = 1)	<i>0.985</i>	Vapor Pressure (mm Hg)	<i>N/A</i>
	Vapor Density (Air = 1)	<i>N/A</i>			
Solubility in Water	<i>Of concentrate, complete</i>	Reactivity in Water	<i>None</i>		
Appearance and Odor	<i>Yellowish / amber - medicinal 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	LEL Lower	<i>N/A</i>	UEL Upper	<i>N/A</i>
Auto-Ignition Temperature	<i>>220° F.</i>	Extinguisher Media	<i>Water, 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 *None.*

