

Material Safety Data Sheet

PEPPER 10

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)
5849 - MK4 Pepper 10 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>*Capsaicinoids</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	<i>.18%</i>	<i>404-86-4</i>
<i>*Propylene Glycol USP</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	<i>13%</i>	<i>57-55-6</i>
<i>*Specialty Denatured Alcohol (SDA) 40B</i>	<i>1,000 ppm</i>	<i>1,000 ppm</i>	<i>N/A</i>	<i>28%</i>	<i>64-17-5</i>
<i>*Distilled H2O</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	<i>58%</i>	<i>N/A</i>

**Nitrogen is the exclusive propellant.*

There are no HCFC's or CFC's

**U.S. Patent 5,217,708,*

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point	<i>>220°</i>	Specific Gravity (H2O = 1)	<i>0.955</i>	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>Creamy / Pungent</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, 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 *None.*

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SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA)Stability Unstable Conditions
 Stable to AvoidIncompatibility
(Materials to Avoid) *N/A*Hazardous
Decomposition Products *N/A*Hazardous May Occur Conditions
Polymerization Will Not Occur to Avoid**SECTION 6 - HEALTH HAZARDS**

1. Acute

2. Chronic

*See Signs and Symptoms**See Signs and Symptoms*Signs and
Symptoms of Exposure *Ingredients may cause irritation through all routes of entry. Repeated contact may cause dermatitis.**Ingestion may cause nausea, vomiting, and/or diarrhea.*Medical Conditions Generally
Aggravated by Exposure *May cause more severe, temporary, effects on those persons who are asthmatics**or suffer from emphysema*Chemical Listed as Carcinogen National Toxicology Yes I.A.R.C. Yes OSHA Yes
or Potential Carcinogen Program No Monographs No No Emergency and
First Aid Procedures *Provide fresh air. Irrigate with copious amounts of cool water. Obtain medical advice if symptoms persist.***ROUTES
OF
ENTRY**

1. Inhalation *Provide fresh air.*
2. Eyes *Irrigate with cool water at least 15 minutes, or until relieved.*
3. Skin *Flush with cool water. Wash with mild soap and water.*
4. Ingestion *Rinse mouth with water. Ingest milk, or water. Obtain medical advice immediately.*

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL / LEAK PROCEDURESPrecautions to be Taken
in Handling and Storage *Store in a cool, dry area. Avoid direct light and heat. Do not expose to temperatures over 120° F.*Other
Precautions *N/A*Steps to be Taken in Case
Material is Released or Spilled *Wipe up small spills with absorbent. With large spills, use respiratory equipment**to avoid irritation, and collect with an absorbent.*Waste Disposal
Methods (Consult Federal, State, and Local Regulations) *Evacuate contents in a safe area, and dispose of container.***SECTION 8 - SPECIAL PROTECTION INFORMATION / CONTROL MEASURES**Respiratory Protection
(Specify Type) *Not required under normal conditions of use.*Ventilation Local Exhaust Mechanical (General) Special Other
Yes *Yes*Protective
Gloves Eye Protection *To be utilized in a manufacturing environment in*Other Protective
Clothing or Equipment *Not required* *and around machinery. Minimal exposure without protective*Work/Hygienic Practices *Normal* *eyewear in an officer training environment is acceptable.***IMPORTANT**

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