Material Safety Data Sheet

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

PEPPER MACE®

QUICK IDENTIFIER
Common Name: (used on label and list)
3035 - MK3 5.5% Pepper Mace Fogger

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: *11/01/01*

SECTION 2 - HAZARDOUS INGREDIENTS / IDENTITY

Hazardous Component(s) (chemical & common name(s))	OSHA PEL	ACGIH TLV	Other Exposure Limits	% (optional)	CAS NO.
Capsaicin	*NG ppm*	*NG ppm*			*404-86-4*
D-Limonene	*NG ppm*	*NG ppm*			*5989275*
Secondary Butanol	*100 ppm*	*100 ppm*			*78922*
1,1,1,2-Tetrafluoroethane	*NG ppm*	*1000 ppm*			*811972*

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point: *350° F*

Specific Gravity (H2O = 1): *Varies w/temp*

Vapor Pressure (mm Hg): *Varies w/temp*

Vapor Density (Air = 1): *NG*

Solubility in Water: *Nil*

Reactivity in Water: *Nil*

Appearance and Odor: *Dark Brown Liquid, Aromatic Odor*

Melting Point: *NG*

SECTION 4 - FIRE & EXPLOSION DATA

Flash Point: *N/A*

Method Used: *N/A*

Flammable Limits in Air % by Volume — LEL Lower — UEL Upper

Auto-Ignition Temperature

Extinguisher Media: *Use dry chemical, CO2, or water spray.*

Special Fire Fighting Procedures: *Cool containers if exposed to fire or high heat.*

Unusual Fire and Explosion Hazards: *Product packaged in aerosol form may cause containers to burst when exposed to extreme heat.*

SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA)

Stability: Unstable ☐ Stable ☒ — Conditions to Avoid: *Avoid exposure to extreme heat.*

Incompatibility (Materials to Avoid):

Hazardous Decomposition Products: *Hazardous thermal decomposition products may form such as Carbon Monoxide, Carbon Dioxide and other toxic and corrosive gases.*

Hazardous Polymerization: May Occur ☐ Will Not Occur ☒ — Conditions to Avoid: *Pungent fumes may be emitted on exposure to temperatures above 175° F.*

SECTION 6 - HEALTH HAZARDS

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

Signs and Symptoms of Exposure: *May cause irritation, nausea, and a burning sensation.*

Medical Conditions Generally Aggravated by Exposure:

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: *Remove to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, administer CPR.*

Flush eyes with cool water for at least 15 minutes. Wash with cool water and soap. Drink a glass of water. Do not induce vomiting.

ROUTES OF ENTRY

1. Inhalation: *Burning sensation, irritation and nausea.*
2. Eyes: *Burning sensation and irritation.*
3. Skin: *Liquid and vapors can cause irritation.*
4. Ingestion: *Liquid can cause nausea and a burning sensation.*

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL / LEAK PROCEDURES

Precautions to be Taken in Handling and Storage: *Packaged product is under pressure. Do not puncture, incinerate or store at temperature above 130° F.*

Other Precautions: *Irritating to eyes, nose and skin. Avoid inhaling vapors and contact with skin.*

Steps to be Taken in Case Material is Released or Spilled: *Extinguish all flames then soak up material in absorbent material and shovel into waste container.*

Waste Disposal Methods (Consult Federal, State, and Local Regulations): *Dispose of in accordance with local, state and federal regulations.*

SECTION 8 - SPECIAL PROTECTION INFORMATION / CONTROL MEASURES

Respiratory Protection (Specify Type): *Use chemical respirator, NIOSH approved.*

Ventilation	Local Exhaust	Mechanical (General)	Special	Other
Yes	*Yes*	*Yes*	*No*	*No*

Protective Gloves: *Use solvent-resistant rubber gloves* — Eye Protection: *Use chemical-resistant goggles.*

Other Protective Clothing or Equipment: *Use solvent-resistant type with full jacket.*

Work/Hygienic Practices: *Avoid absorption of product on clothing. If absorbed in clothing, remove and launder at once.*

IMPORTANT

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