



## MATERIAL SAFETY DATA SHEET (M.S.D.S.)

MC2500® HMIS Code: 211B

Ref: MSDS MC2500® Lubricant Protectant Oil 6-2008

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MC2500® is offered in the following N.S.N. packages:

Old Catalog #	New Catalog #	Package Description	N.S.N.
MC2500-16AP4	26461	16 fl. oz. bottle	9150-01-439-1875
MC2500-45AP5	26471	1 gallon container	9150-01-439-1887

### SECTION 1 – MANUFACTURER INFORMATION

Mil-Comm Products Company, Inc.  
2 Carlton Avenue  
East Rutherford, NJ 07073 USA

Phone: (201) 935 8561  
Fax: (201) 935 6059  
info@mil-comm.com

### SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY

No ingredients are considered hazardous under 40 CFR 372 and 49 CFR 172.101

Ingredients include:

V.O.C.: =0 (Contains less than 0.1% of formulation)

CAS# 11138-60-6      84% of formulation  
CAS# 1330-78-5      3% of formulation  
CAS# 78-42-2        3% of formulation  
CAS# 9002-84-0      7% of formulation  
CAS# 64742-53-6     .02% of formulation  
CAS# 94270-86-7     <.0001% of formulation  
CAS# 14808-60-7     .02% of formulation  
CAS# 51260-39-0     .001% of formulation  
Purified Water      <.00001% of formulation

### SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

- Boiling Point: 640°F (337°C)
- Specific Gravity (H<sub>2</sub>O=1): 1.1
- Solubility in Water: < 0.1%
- Appearance and Odor: Pale Yellow, Sweet
- Vapor Pressure (mm Hg): N/A
- Vapor Density (Air =1): N/A
- Reactivity in Water: None
- Melting Point: N/A

### SECTION 4 - FIRE & EXPLOSION DATA

- Flash Point (COC): 475°F (246°C)
- Flammable Limits in Air % by Volume: LEL Lower: N/A      UEL Upper: N/A
- Auto-Ignition Temperature: 475°F (246°C)
- Extinguisher Media: Foam, CO<sub>2</sub>, Dry Chemicals
- Special Fire Fighting Procedures: Use Self Contained Breathing Apparatus.
- Unusual Fire and Explosion Hazards: Inhalation of thermal decomposition products of fluorocarbons must be avoided for the same reasons that apply to all combustible materials.



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### **SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA)**

1. *Stability:* Stable
2. *Conditions to Avoid:* Sustained temperatures over 600°F (315°C), strong acids and bases, oxidizing agents
3. *Incompatibility:* None known
4. *Hazardous Decomposition Products:* Thermal decomposition may produce CO, HF and/or phosphorus oxide.
5. *Hazardous Polymerization:* Will not occur

### **SECTION 6 - HEALTH HAZARDS**

1. *Acute:* None known
2. *Chronic:* Prolonged exposure to skin and prolonged inhalation
3. *Signs & Symptoms of Exposure:* Eye or skin irritation
4. *Medical Conditions Generally Aggravated by Exposure:* None known but allergies possible
5. *Chemical Listed as Carcinogen or Potential Carcinogen:*  
*National Toxicology Program:* None  
*I.A.R.C. Monographs:* None  
*OSHA:* None
6. *Emergency & First Aid Procedures:*  
*Skin Contact:* Wash skin with detergent and water.  
*Eye Contact:* Flush eyes with water for 15 minutes and call a doctor.  
*Ingestion:* Do NOT induce vomiting, Drink plenty of water and call a doctor.
7. *Routes of Entry:*  
*Inhalation:* Low to medium, remove to fresh air.  
*Eyes:* Irritant, flush with water for 15 minutes and protect from splattering.  
*Skin:* Irritant, wear gloves or wash thoroughly with detergent and water after exposure.  
*Ingestion:* Low to medium, use good hygienic practice and do not ingest, wash hands before eating.

### **SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES**

1. *Precautions to be Taken in Handling and Storage:* Use caution to limit exposure to eyes and skin; do not breathe mist.
2. *Steps to be Taken in Case Material is Released or Spilled:* Contain spill and use an absorbent material to clean up contaminated area. Place in container and recover or incinerate as a fluorocarbon. Do not allow to flow into sewers or waterways.
3. *Waste Disposal Methods:* Obey local, state and federal regulations.
4. *Other Precautions:* Use of goggles, rubber gloves and protective clothing is suggested.

### **SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES**

1. *Respiratory Protection:* Protect from mist inhalation.
2. *Ventilation:* Local
3. *Mechanical Exhaust:* Recommended
4. *General Exhaust:* Recommended
5. *Protective Gloves:* Rubber recommended.
6. *Eye Protection:* Goggles advisable but not required.
7. *Other Protective Clothing or Equipment:* None necessary.
8. *Work/Hygienic Practice:* Wash skin after use, wash contaminated clothing.

**Emergency Contact: Charley Furlong (Cell) 617-877-7968, or Mil-Comm office: 800-743-4518.**



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