

MATERIAL SAFETY DATA SHEET

Natural Guard Copper Soap Liquid Fungicide

July 1, 2006

MANUFACTURER:  
Voluntary Purchasing Groups Inc.  
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EMERGENCY TELEPHONE NUMBERS:  
MANUFACTURER: 903-583-5501  
TRANSPORTATION (24 HOURS)

I. PRODUCT INFORMATION

Product: Natural Guard Copper Soap Liquid Fungicide  
EPA# 67702-2-7401

II. HAZARDOUS INGREDIENTS

<u>Components</u>	<u>%</u>	<u>Hazard Information</u>
Copper Octanoate	0.08	

III. PHYSICAL AND CHEMICAL CHARACTERISTICS (FIRE AND EXPLOSION DATA)

Boiling Point, °C	~100°C
Vapor Pressure (mm Hg):	-
Vapor Density (Air = 1):	-
Solubility in Water:	dispersible in water
Appearance and Odor:	blue liquid, acid odor
Flash Point (°F):	n/a
Specific Gravity, 25°C:	~1.0
pH:	5.7±0.3
Extinguishing Media for Fires:	water, CO <sub>2</sub> or foam
Special Fire Fighting Procedures:	Use normal fire fighting procedures

IV. PHYSICAL HAZARDS

Stability:	This product is considered stable
Materials to Avoid:	Avoid mixing with strong oxidizing agents or acids
Hazardous Decomposition Products:	CO <sub>2</sub> and CO may be evolved during burning
Hazardous Polymerization Conditions:	None known

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**V. HEALTH HAZARD DATA**

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Routes of Entry:	Ingestion, skin, inhalation
Skin:	May cause skin irritation
Skin (LD50)	> 2000 mg/kg
Eyes:	May be irritating to eyes
Ingestion: (LD50)	> 2000 mg/kg
Inhalation	May be irritating to respiratory system
Effects of Overexposure:	Not established
Medical Conditions Aggravated:	May aggravate pre-existing skin conditions

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**VI. EMERGENCY FIRST AID PROCEDURES**

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Skin:	Wash skin with soap and water. See a physician if irritation persists.
Eyes:	Flush eyes with running water for 15 minutes. Consult physician.
Ingestion:	Consult physician
Inhalation:	Move to fresh air.

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**VII. SPECIAL PROTECTION INFORMATION**

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Ventilation:	None required
Respiratory Protection:	None required
Eye Protection:	None required
Protective Gloves:	None required
Other Protective Equipment:	None required

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**VIII. SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES**

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Storage Recommendations:	Store near room temperature. Do not freeze
Spill or Leak Procedures:	Material is slippery when spilled. Soak up with a solid absorbent and collect for disposal. Small amounts may be flushed with water.
Disposal Recommendations:	Dispose in accordance with local regulations.
Environmental Hazards:	This product may be toxic to fish and aquatic organisms. Do not apply directly to water.