



## VOLUNTARY PURCHASING GROUPS, INC.

### Safety Data Sheet

### Natural Guard® Brand by Ferti-lome® Copper Soap Fungicide Ready-To-Use

#### SECTION 1: Identification

##### Product identifier

Product name Natural Guard® Brand by Ferti-lome® Copper Soap Fungicide Ready-To-Use

##### Other means of identification

EPA # 67702-1-7401

##### Supplier's details

Name Voluntary Purchasing Groups, Inc.  
Address 230 FM 87  
Bonham, TX 75418  
USA

Telephone 855-270-4776

##### Emergency phone number(s)

In the event of a medical or chemical emergency contact ChemTel, Inc.  
North American 1-800-255-3924 or worldwide Intl. + 01-813-248-0585

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#### SECTION 2: Hazard identification

##### Classification of the substance or mixture

##### GHS label elements, including precautionary statements

##### Pictogram



##### Hazard statement(s)

H302 Harmful if swallowed  
H312 Harmful in contact with skin  
H332 Harmful if inhaled  
H401 Toxic to aquatic life

##### Precautionary statement(s)

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Keep out of reach of children.

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### SECTION 3: Composition/information on ingredients

#### Substances

#### Hazardous components

Component	Concentration
Copper Octanoate	0.08 %

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### SECTION 4: First-aid measures

#### Description of necessary first-aid measures

General advice	Call a poison control center or doctor for treatment advice. Have the Safety Data Sheet, and if available, the product container or label with you when calling a poison control center or doctor, or going for treatment. Never give fluids or induce vomiting if a patient is unconscious or convulsing regardless of cause of injury. If breathing difficulties occur, seek medical attention immediately.
If inhaled	Move person to fresh air. If person is not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Call a poison control center or doctor for treatment advice.
In case of skin contact	Wash skin with soap and plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.
In case of eye contact	Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Call a poison control center or doctor for treatment advice.
If swallowed	Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a poison control center or doctor for treatment advice.

#### Personal protective equipment for first-aid responders

Respiratory Protection: NIOSH/MSHA approved for protection against toxic dusts containing quartz. Ventilation: General or local exhaust to maintain employee exposure below the TLV/PEL. Protective Gloves: PVC or Neoprene. Eye Protection: Safety glasses or goggles (ANSI Z87.1 1979) Other Protective Clothing or Equipment: Apron, boots, long sleeved shirt and full-length pants may be worn when necessary to prevent skin contact. Eye wash and shower facilities should be available.

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### SECTION 5: Fire-fighting measures

#### Suitable extinguishing media

Water, foam or CO<sub>2</sub>

#### Specific hazards arising from the chemical

CO<sub>2</sub> and CO may be evolved during burning

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#### Special protective actions for fire-fighters

Use normal fire fighting procedures

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## SECTION 6: Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

Respiratory Protection: NIOSH/MSHA approved for protection against toxic dusts containing quartz. Ventilation: General or local exhaust to maintain employee exposure below the TLV/PEL. Protective Gloves: PVC or Neoprene. Eye Protection: Safety glasses or goggles (ANSI Z87.1 1979) Other Protective Clothing or Equipment: Apron, boots, long sleeved shirt and full-length pants may be worn when necessary to prevent skin contact.

#### Environmental precautions

This product may be toxic to fish and aquatic organisms. Do not apply directly to water.

#### Methods and materials for containment and cleaning up

Material is slippery when spilled. Soak up with a solid absorbent and collect for disposal. Small amounts may be flushed with water.

Dispose in accordance with local, state, and federal regulations.

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## SECTION 7: Handling and storage

#### Precautions for safe handling

Material is slippery when spilled.

#### Conditions for safe storage, including any incompatibilities

Store near room temperature. Do not freeze.

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## SECTION 8: Exposure controls/personal protection

#### Appropriate engineering controls

Ventilation: General or local exhaust to maintain employee exposure below the TLV/PEL.

#### Individual protection measures, such as personal protective equipment (PPE)

##### Eye/face protection

Safety glasses or goggles (ANSI Z87.1 1979)

##### Skin protection

PVC or Neoprene gloves

##### Body protection

Apron, boots, long sleeved shirt and full-length pants may be worn when necessary to prevent skin contact. Eye wash and shower facilities should be available.

##### Respiratory protection

NIOSH/MSHA approved for protection against toxic dusts.

**Safety Data Sheet**  
**Natural Guard® Brand by Ferti-lome® Copper Soap Fungicide Ready-To-Use**

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**SECTION 9: Physical and chemical properties**

**Information on basic physical and chemical properties**

Appearance/form	Blue liquid
Odor	acid odor
Odor threshold	
pH	5.75±0.3
Melting point/freezing point	
Initial boiling point and boiling range	~100° C
Flash point	
Evaporation rate	
Flammability (solid, gas)	
Upper/lower flammability limits	
Vapor pressure	
Vapor density	
Relative density	
Solubility(ies)	Dispersible in water
Partition coefficient: n-octanol/water	
Auto-ignition temperature	
Decomposition temperature	
Viscosity	
Explosive properties	
Oxidizing properties	

**Other safety information**

Specific Gravity, 25°C: ~1.0

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**SECTION 10: Stability and reactivity**

**Chemical stability**

Stable

**Incompatible materials**

Avoid mixing with strong oxidizing agents or acids

**Hazardous decomposition products**

CO<sub>2</sub> and CO may be evolved during burning

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**SECTION 11: Toxicological information**

**Information on toxicological effects**

**Acute toxicity**

Ingestion (LD<sub>50</sub>): >2000 mg/kg

**Skin corrosion/irritation**

May cause skin irritation

Skin (LD<sub>50</sub>): >2000 mg/kg

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### Serious eye damage/irritation

May be irritating to eyes

### Respiratory or skin sensitization

Inhalation: May be irritating to respiratory system

### STOT-single exposure

May aggravate pre-existing skin conditions

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## SECTION 12: Ecological information

### Toxicity

This product may be toxic to fish and aquatic organisms. Do not apply directly to water.

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## SECTION 13: Disposal considerations

### Disposal of the product

If wastes and/or containers cannot be disposed of according to the product label directions, disposal of this material must be in accordance with your local or area regulatory authorities. This information presented below only applies to the material as supplied. The identification based on characteristic(s) or listing may not apply if the material has been used or otherwise contaminated. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations. If the material as supplied becomes a waste, follow all applicable regional, national and local laws.

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## SECTION 14: Transport information

### DOT (US)

Not regulated

### IMDG

Not regulated

### IATA

Not regulated

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## SECTION 15: Regulatory information

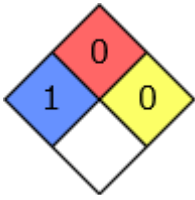
### HMIS Rating

Natural Guard® Brand by Ferti-lome® Copper Soap Fungicide Ready-To-Use	
HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

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#### NFPA Rating



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#### SECTION 16: Other information

Voluntary Purchasing Groups, Inc. urges each customer or recipient of this (M)SDS to study it carefully and consult appropriate expertise, as necessary or appropriate, to become aware of and understand the data contained in this (M)SDS and any hazards associated with the product. The information herein is provided in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ between various locations. It is the buyer's/user's responsibility to ensure that his activities comply with all federal, state, provincial or local laws. The information presented here pertains only to the product as shipped. Since conditions for use of the product are not under the control of the manufacturer, it is the buyer's/user's duty to determine the conditions necessary for the safe use of this product. Due to the proliferation of sources for information such as manufacturer-specific (M)SDSs, we are not and cannot be responsible for (M)SDSs obtained from any source other than ourselves. If you have obtained an (M)SDS from another source or if you are not sure that the (M)SDS you have is current, please contact us for the most current version.