



## VOLUNTARY PURCHASING GROUPS, INC.

### Safety Data Sheet

### Natural Guard® Brand by Ferti-lome® Insecticidal Soap Concentrate

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#### SECTION 1: Identification

##### Product identifier

Product name Natural Guard® Brand by Ferti-lome® Insecticidal Soap Concentrate

##### Other means of identification

EPA # 67702-22-7401

##### 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



##### Signal word

##### Warning

##### Hazard statement(s)

H315 Causes skin irritation  
H319 Causes serious eye irritation  
H402 Harmful to aquatic life

##### Precautionary statement(s)

P102 Keep out of reach of children.

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**SECTION 3: Composition/information on ingredients**

**Substances**

**Hazardous components**

<b>Component</b>	<b>Concentration</b>
POTASSIUM OLEATE (CAS no.: 143-18-0)	47 %

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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**

Foam, dry powder, carbon dioxide, water, or sand.

Do not use a heavy water stream.

**Specific hazards arising from the chemical**

Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire.

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### Special protective actions for fire-fighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and protective firefighting clothing (includes fire fighting helmet, coat, trousers, boots, and gloves).  
Evacuate unnecessary personnel.

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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

Prevent from entering into soil, ditches, sewers, waterways and/or groundwater.  
Spills or discharge to natural waterways is likely to kill aquatic organisms.

### Methods and materials for containment and cleaning up

Contain spilled material if possible. Absorb with materials such as: Clay. Dirt. Sand. Sweep up.  
Collect in suitable and properly labeled containers.  
Dispose in accordance with local, state, and federal regulations.

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## SECTION 7: Handling and storage

### Precautions for safe handling

Keep out of reach of children. Avoid contact with eyes, skin, and clothing. Avoid breathing vapor or mist. Do not swallow. Wash thoroughly after handling. Use with adequate ventilation.

### Conditions for safe storage, including any incompatibilities

Store in a dry place. Store in original container. Keep container tightly closed when not in use. Do not store near food, foodstuffs, drugs or potable water supplies.

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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.

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**SECTION 9: Physical and chemical properties**

**Information on basic physical and chemical properties**

Appearance/form	Clear Pale Amber Liquid
Odor	Characteristic
Odor threshold	
pH	9.5-10.5
Melting point/freezing point	
Initial boiling point and boiling range	100 °C
Flash point	>200°F
Evaporation rate	
Flammability (solid, gas)	
Upper/lower flammability limits	
Vapor pressure	
Vapor density	
Relative density	
Solubility(ies)	Soluable
Partition coefficient: n-octanol/water	
Auto-ignition temperature	
Decomposition temperature	
Viscosity	
Explosive properties	
Oxidizing properties	

**Other safety information**

Density: 8.84 lbs/gal

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**SECTION 10: Stability and reactivity**

**Chemical stability**

Stable

**Possibility of hazardous reactions**

Polymerization will not occur.

**Conditions to avoid**

Extremely high or low temperatures.

**Incompatible materials**

Strong acids and strong bases.

**Hazardous decomposition products**

Carbon monoxide. Carbon dioxide.

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**SECTION 11: Toxicological information**

**Information on toxicological effects**

**Acute toxicity**

**Skin corrosion/irritation**

Causes skin irritation

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### Serious eye damage/irritation

Causes substantial but temporary eye injury.

### Respiratory or skin sensitization

### STOT-single exposure

May aggravate pre-existing skin conditions

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## SECTION 12: Ecological information

### Toxicity

This product is toxic to aquatic invertebrates. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters.

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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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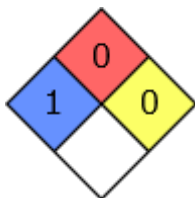
## SECTION 15: Regulatory information

### HMIS Rating

Natural Guard® Brand by Ferti-lome® Insecticidal Soap Concentrate	
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.