

# MATERIAL SAFETY DATA SHEET



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

Voluntary Purchasing Groups, Inc.  
230 FM 87  
Bonham, Texas 75418

Effective Date: October 11, 2011

## Natural Guard® Organic Spot Weeder Ready-To-Use

### 1. PRODUCT AND COMPANY IDENTIFICATION:

**PRODUCT:** Natural Guard® Organic Spot Weeder Ready-To-Use

#### COMPANY IDENTIFICATION:

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

### 2. INGREDIENTS:

Active Ingredient(s): Citric Acid 2%, Soybean Oil 6%

### 3. PHYSICAL DATA:

**BOILING POINT:** Data not found  
**SPECIFIC GRAVITY:** 1.05  
**VAPOR PRESSURE:** Data not found  
**MELTING POINT:** N/A  
**VAPOR DENSITY:** Data not found  
**EVAPORATION RATE:** <1.0  
**SOLUBILITY IN WATER:** Not soluble – forms an emulsion  
**APPEARANCE AND ODOR:**  
Appearance: **Milky White**      Odor: **Clove smell**

### 4. FIRE AND EXPLOSION DATA:

**FLASH POINT:** Not known  
**FLAMMABLE LIMITS:** Not tested  
**LEL:** N/A  
**UEL:** N/A  
**EXTINGUISHING MEDIA:** Foam, Carbon Dioxide or Dry Chemical extinguishers  
**SPECIAL FIRE FIGHTING PROCEDURES:** Self contained breathing apparatus  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Acid Vapors, Carbon Dioxide, Carbon Monoxide

### 5. REACTIVITY DATA:

**STABILITY:** Reacts with organic and inorganic bases  
**CONDITIONS TO AVOID:** Contact with skin, eyes or prolong inhalation. Do not ingest product.  
**INCOMPATIBILITY:** Bases and caustic compounds (alkaline compounds).  
**HAZARDOUS DECOMPOSITION OR BYPRODUCTS:** None known.  
**HAZARDOUS POLYMERIZATION:** Will not occur.

### 6. HEALTH INFORMATION:

**ROUTES OF ENTRY:** Inhalation, Skin and Ingestion  
**HEALTH HAZARDS:** Contact with this product will result in eye irritation. Contact with this product will cause severe skin irritation. Breathing vapors will cause significant respiratory irritation. Ingestion of this product could cause burns and destroy tissue in the mouth, throat and digestive tract.  
**CARCINOGENICITY:**  
**NTP:** No

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IARC MONOGRAPHS: N/A

OSHA REGULATED: N/A

### EMERGENCY AND FIRST AID PROCEDURES:

**INHALATION:** Remove person to fresh air. Seek immediate medical assistance.

**INGESTION:** Seek immediate medical attention. Do not induce vomiting. Vomiting will cause further damage to the mouth and throat. If individual is conscious and alert, immediately rinse mouth with water and give milk or water to drink. If possible, do not leave individual unattended.

**SKIN:** Immediately flush skin with plenty of water and soap for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse and discard contaminated shoes.

**EYES:** Immediately flush eyes gently with water for at least 15 minutes while holding eyelids apart. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. If symptoms develop as a result of vapor exposure, immediately move individual away from exposure and into fresh air before flushing as recommended above. Call a physician immediately.

### 7. SPILL OR LEAK PROCEDURES:

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Cover the contaminated surface with sodium bicarbonate or a soda ash/flaked lime mixture (50-50). Mix and add water if necessary to form a slurry. Scoop up slurry and wash site soda ash solution. Proper mixing procedures are essential. Trained personnel should conduct this procedure. Untrained personnel should be removed from the spill area.

### WASTE DISPOSAL METHOD:

**IF EMPTY:** Do not reuse container. Place in trash or offer for recycling if available.

**IF PARTLY FILLED:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** Avoid contact with eyes, skin or clothing. Keep bottle/container tightly closed and store in a cool, dry place.

**OTHER PRECAUTIONS:** N/A

### 9. PERSONAL PROTECTION INFORMATION:

**VENTILATION:** Product for outdoor use only.

**LOCAL EXHAUST:** N/A

**SPECIAL:** N/A

**PROTECTIVE GLOVES:** Wear Neoprene, Nitrile or oil/solvent resistant gloves.

**EYE PROTECTION:** Wear chemical goggles when handling the product and during application.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Wear long sleeved shirt, long pants, socks and shoes.

### 10. SPECIAL PRECAUTIONS:

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** Keep container tightly closed when not in use. Store only in the original container in a cool, dry place.

### 11. OTHER INFORMATION:

The information contained within was obtained from authoritative sources and is believed to be accurate for the manner in which the product is intended to be used. Other uses could result in ramifications, which are not included within this document