

# MATERIAL SAFETY DATA SHEET



For Chemical Emergency, Spill, Leak, Fire, Exposure, or Accident, Call CHEMTREC Day or Night: 1-800-424-9300  
For Medical Emergencies Only, Call: 1-877-325-1840

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

## Natural Guard® Corn Gluten Lawn Food 9-0-0

Effective Date: May 11, 2009

### 1. PRODUCT AND COMPANY IDENTIFICATION:

**PRODUCT:** Natural Guard® Corn Gluten Lawn Food 9-0-0

#### COMPANY IDENTIFICATION:

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

### 2. COMPOSITION INFORMATION ON INGREDIENTS:

**CHEMICAL NAME:** 60% Protein Corn Gluten Meal. CAS No. 66071-96-3

**CHEMICAL FORMULA:** Not Applicable

#### CAS NO.

66071-96-3 Corn Gluten Meal

#### % WT

99

#### ppm

#### mg/m3

**OSHA PEL-TWA:** Nuisance Particulate 15 mg/m3 of total dust

**OSHA PEL STEL :** Not Applicable Not Applicable

**ACGIH TLV-TWA:** Nuisance Particulate 10 mg/m3 of total dust

**ACGIH TLV STEL:** Not Applicable Not Applicable

### 3. HAZARDS IDENTIFICATION:

#### EMERGENCY OVERVIEW:

#### ROUTES OF ENTRY:

**Inhalation** – as dust.

**Skin** – none.

**Ingestion** – unlikely; should pose no hazard. Pets may however be attracted to the feed grade ingredients in this product. Keep out of reach of pets and children.

**ACUTE HEALTH HAZARDS:** None

**CHRONIC HEALTH HAZARDS:** None

#### CARCINOGENICITY

**OSHA:** No    **ACGIH:** No    **NTP:** No    **IARC:** No

### 4. FIRST AID MEASURES:

#### Not for human or animal consumption.

**INGESTION:** If product is ingested, medical attention is unlikely unless significant amounts were ingested, dilute with fluids. Contact Physician or poison control center, advise contacted person of product ingested, and follow advice given.

**EYES:** If dust is in eyes, rinse with water for 15 minutes, remove contact lenses and contact physician if irritation persists.

**SKIN:** For skin contact, wash skin and clothing with soap and water. If irritation persists, contact physician.

**INHALATION:** Inhalation of nuisance dusts has a long history of minimal adverse effect on lungs. In event of excessive inhalation, remove to fresh air, medical attention is unlikely.

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### 5. FIRE FIGHTING MEASURES:

**FLAMMABLE LIMITS IN AIR, UPPER:** Not Applicable

#### NFPA HAZARD CLASSIFICATION

**HEALTH:** 0 Minimum

**FLAMMABILITY:** 1 Slight

**REACTIVITY:** 0 Minimum

#### EXTINGUISHING MEDIA:

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

#### SPECIAL FIRE FIGHTING PROCEDURES:

None

#### UNUSUAL FIRE AND EXPLOSION HAZARDS:

Dusts from grains suspended in air are explosive at critical air-dust concentrations. Avoid excessive collection of dust, open flames or ignition sources in proximity of bag when dumping.

### 6. ACCIDENTAL RELEASE MEASURES:

In the event material is released or spilled, sweep and/ or flush with water, avoid production of dust.

### 7. HANDLING AND STORAGE:

Store in a cool, dry area. Avoid handling procedures which produce dust clouds or allow excessive dust to accumulate.

**OTHER PRECAUTIONS:** None

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

Protective clothing, gloves, and safety eyewear protection are not required, but recommended. Use appropriate NIOSH approved respirator when needed. Respirator selection should be based on dust levels present in area. Follow good housekeeping practices.

### 9. PHYSICAL AND CHEMICAL PROPERTIES:

<b>APPEARANCE:</b>	Goldenrod Colored
<b>ODOR:</b>	Slight, Corn Odor
<b>BOILING POINT:</b>	Not Applicable
<b>MELTING POINT:</b>	Not Applicable
<b>FREEZING POINT:</b>	Not Applicable
<b>VAPOR PRESSURE (mmHg):</b>	Not Applicable
<b>VAPOR DENSITY (AIR = 1):</b>	Not Applicable
<b>SOLUBILITY IN WATER:</b>	Slight
<b>PERCENT SOLIDS BY WEIGHT:</b>	94

### 10. STABILITY AND REACTIVITY:

**STABILITY:** Stable

**INCOMPATIBILITY (MATERIAL TO AVOID):** Strong oxidizing agents

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** None

**HAZARDOUS POLYMERIZATION:** Will not occur

**CONDITIONS TO AVOID:** Do not allow dust to accumulate. Avoid air movement which can create dust clouds. Avoid open flames, smoking materials, hot coals, welding operations, open lights, etc.

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### 11. DISPOSAL CONSIDERATIONS:

#### WASTE DISPOSAL METHOD:

Comply with all State, Federal, and Local regulations for waste disposal.

### 12. TRANSPORT INFORMATION:

#### U.S. DEPARTMENT OF TRANSPORTATION

HAZARD CLASS: Not Applicable

ID NUMBER: Not Applicable

### 13. REGULATORY INFORMATION:

The Information Herein Is Given In Good Faith, But No Warranty, Express or Implied, Is Made. Consult Voluntary Purchasing Groups, Inc For Further Information.