

MATERIAL SAFETY DATA SHEET**DATED: 03-14-03****Product: ferti-lome® All Seasons Lawn Food Plus Crabgrass and Weed Preventer****SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**Name: Voluntary Purchasing Groups, Inc. P.O. Box 460, Bonham, Texas 75418Emergency Telephone: (903) 583-5501 or (800) 424-9300 (Chemtrec)For Additional Information Contact: Product Manager or ChemtrecCommon Name (used on label): ferti-lome® All Seasons Lawn Food Plus Crabgrass and Weed Preventer
EPA # 49991-1-7401**SECTION 2 – COMPOSITION/INFORMATION OF INGREDIENTS**

Component	CAS Number	% (Typical)	TLV (Units)	PEL (Units)
Urea	57-13-6	Proprietary	Not Established	Not Established
Attapulgite (diatomaceous earth)	12174-11-7	Proprietary	0.1 mg/m3*	0.1 mg/m3*
Monoammonium phosphate	7722-76-1	Proprietary	Not Established	Not Established
Prodiamine	29091-21-2	0.38%	Not Established	Not Established

- respirable quartz

NOTE: This material is not subject to the reporting requirements of Section 313 Title 111 of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR 372

PEL: Permissible Exposure Limit established by the Occupational Safety and Health Administration

TLV: Threshold Limit Value recommended by the American Conference of Governmental Industrial Hygienists.

SECTION 3 – PHYSICAL DATABoiling Point: N/ABulk Density: 35-40 lbs/ Cu.ft.Solubility in H2O, % by Wt: AppreciableReactive in water: Will not evolve flammable or toxic gasesVapor Density (Air=1): Does not applyEvaporation Rate (ethyl ether = 1): Does not applyAppearance and Odor: Multicolored granules; Slight chlorine odorVapor Pressure (mm Hg): Does not apply**SECTION 4 – FIRE AND EXPLOSION DATA**Flash Point: Does Not ApplyFlammable Limits in Air (% by Volume): Not DeterminedExtinguishing Media: Foam, CO2, dry chemical, waterUnusual Fire and Explosion Hazards: Decomposes upon heating to liberate ammonia. Avoid dispersion of dust in air to reduce potential explosion hazard. Fire may produce irritating or poisonous gases. Contact may cause burns to skin and eyes. Run-off from fire control or dilution water should be kept to a minimum and controlled to keep additional run-off contamination to a minimum.

Special Fire Fighting Procedures: Evacuate residents who are down-wind of fire. Prevent unauthorized entry to fire area. Have medical check made of employees that may have been exposed to fumes or other contamination of pesticides. For Fire Fighting Authorities: Wear protective clothing over entire body, including Rubber Boots, Hat and Coat, and avoid contact with toxic fumes or smoke. Self-Contained Breathing Equipment is essential for those exposed to fumes or smoke. Be immediately relieved from duty and check for possible poisoning if exposed to fumes or smoke without adequate protection. Wash thoroughly and immediately with large volumes of soap and water if contacted by pesticides. Any person heavily exposed to pesticides should be examined by a physician immediately without waiting for symptoms to occur. Avoid smoking, drinking, or eating while fire fighting so as not to ingest toxic substances. Monitor any water run-off, dike surrounding area.

SECTION 5 – HEALTH INFORMATION

PRIMARY ROUTES OF EXPOSURE AND TARGET ORGANS:

Skin contact, inhalation, eye contact, ingestion

SIGNS AND SYMPTOMS OF EXPOSURE:

- (1) ACUTE OVEREXPOSURE: Ingestion of large quantities may cause symptoms of non-specific irritation of the gastrointestinal tract; nausea, vomiting, cramps, and diarrhea. Eye and skin contact may result in local irritation. Inhalation of high concentrations may result in upper respiratory tract irritation.
- (2) CRONIC OVEREXPOSURE: Inhalation of dust may permanently damage the lungs and results in the development of pneumoconiosis, silicosis, or other respiratory disorders.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Disorder of respiratory system, dermatitis or other skin disorders.

CHEMICAL/COMPONENT LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN: None

NTP: No

IARC: No

OSHA: No

OTHER EXPOSURE LIMITS:

ACGIH TLV (nuisance dusts) = 10 mg/m³; OSHA (nuisance dusts) = 15 mg/m³

EMERGENCY AND FIRST AID PROCEDURES:

INGESTION: Induce vomiting immediately by giving two glasses of water and sticking finger down throat. Never give anything by mouth to an unconscious person. Call a physician. **EYE CONTACT:** Immediately flush eyes with plenty of water for at least 15 minutes, holding eyelids apart to ensure flushing of the entire eye and lids with water. Obtain medical attention if irritation persists. Oils and ointments should not be used unless directed by a physician. **SKIN CONTACT:** Immediately wash skin with soap and plenty of water. **INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

SECTION 6 – REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: Decomposes upon heating.

INCOMPATIBILITY (Materials to Avoid): Strong oxidizers and alkalis

HAZARDOUS DECOMPOSITION PRODUCTS:

Ammonia, phosphorous oxides, sulfur oxides, cyanuric acid, cyanic acid and carbon dioxide.

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID: Avoid heating or direct exposure to sunlight.

SECTION 7 – SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS LEAKED OR SPILLED:

Clean up of spills may require personal protective equipment. See Section 8. Sweep-up or vacuum the material and transfer to the original container, or to a sealed, labeled container. Residue may be washed away with water.

WASTE DISPOSAL METHOD:

Dispose of in accordance with Federal, State and local regulations.

SECTION 8 – PERSONAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: NIOSH/MSHA approved for protection against toxic dusts containing quartz.

VENTILATION: Local or general exhaust to maintain exposure below 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 sleeve shirt and full-length pants (or coveralls) may be worn when necessary to prevent skin contact. Eye wash and shower facilities should be available.

SECTION 9 – SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE:

Corrosive to cast iron and aluminum. Store in a dry, cool ventilated area, out of reach of children and pets.

OTHER PRECAUTIONS: Not determined

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.