

# MATERIAL SAFETY DATA SHEET

## MSDS

DATE: 5-3-00

MSDS #: 500612

NEW [X]

REVISED [ ]

PURSELL INDUSTRIES, INC.  
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### SECTION - I - PRODUCT INFORMATION

PRODUCT NAME: Ultra Vigoro All Purpose Plant Food 12-5-7

PRODUCT NUMBER: 500612

CHEMICAL NAME: Polymer-coated Urea, Ammoniated Phosphate, Nitrate of Potash, Muriate of Potash, Sodium borate, Copper Sulfate, Copper Oxide, Ferrous Sulfate, Ferric Oxide, Manganese Sulfate, Manganese Oxide, Molybdc Oxide, Zinc Sulfate, and Zinc Oxide.

CHEMICAL CLASS: Fertilizer Compound

NFPA RATING: Health - 1 Flammability - 0 Reactivity - 0 Special - None

NFPA CODES: 0=Least 1=Slight 2=Moderate 3=High 4=Extreme

### SECTION - II - INGREDIENT INFORMATION

INGREDIENT	CAS NUMBER	PEL	TLV	% BY WEIGHT
Inert components	Mixture	NA	NA	100.00

### SECTION - III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: NA

Bulk Density: 62 - 64 lb/ft<sup>3</sup>

Vapor Pressure (mmHg): NA

Melting Point: NA

Vapor Density (Air =1): NA

Evaporation Rate(Butyl Acetate=1): NA

Solubility in Water: Fertilizer chemicals are water-soluble. Polyurethane coating is water insoluble.

Appearance and Odor: Beige, brown, green and/or white fertilizer granules. Slight ammonia or fertilizer salt odors possible.

### SECTION - IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point: NA

Flammable Limits: LEL: NA UEL: NA

Extinguishing Media: Water spray, dry chemical, CO<sub>2</sub>, sand, or fine earth. Material is essentially non-flammable.

Special Fire Fighting Procedures: Wear full protective clothing and self-contained breathing apparatus. Short-term exposure to smoke, fumes, and gases can lead to irreversible lung injury without early signs and symptoms. Use extinguishing media suitable for the surrounding fire. Evacuate downwind if large quantities are involved in fire.

Unusual Fire and Explosion Hazards: Thermal decomposition may produce irritating or poisonous gases. Run-off from fire control area or dilution water may cause pollution. If surface water is contaminated, contact local authorities.

### SECTION - V - REACTIVITY DATA

Stability: Stable

Incompatibility (Materials to avoid): Store separately from acids and bases.

Hazardous Decomposition or Byproducts: Thermal degradation may produce: Cyanuric acid, biuret, ammonia, hydrogen cyanide, chlorine gas, nitrogen oxides, and sulfur oxides.

Hazardous Polymerization: Will not occur.

### SECTION - VI - HEALTH HAZARD DATA

#### ACUTE AND CHRONIC HEALTH HAZARDS / EMERGENCY AND FIRST AID PROCEDURES

Route(s) of entry: Inhalation; Ingestion

Eyes: Dusts may cause moderate irritation. If eye contact occurs, flush eyes with running water for 15 minutes.

Skin: Dusts may cause moderate irritation. Wash with soap and water if irritation occurs.

Inhalation: Dusts may cause moderate irritation to the nose, throat, and lungs. If prolonged inhalation of dust occurs, remove to fresh air.

Ingestion: Immediately seek medical assistance. Call a physician. The phone number to the National Poison Control Center is (202) 625-3333. May cause headache, nausea, and vomiting.

Signs and Symptoms of Exposure: Irritation to eyes, skin, or respiratory or gastrointestinal tract. No chronic health effects data

have been established.

Other Health Warnings: Notes to physician: Treat symptomatically.

**SECTION - VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

Storage: Store in original container in a cool dry area. Keep out of reach of children and domestic animals. Store separately from feed, food, pesticides, seeds and other fertilizers so that cross contamination does not occur.

Procedures in case of spill or release: If material is uncontaminated, collect and reuse as recommended for product. Avoid dusts, or use NIOSH/MSHA dust/mist approved respirator. Empty containers may be disposed of in a licensed sanitary landfill. Do not reuse bag.

Waste Disposal Method: Apply as fertilizer if uncontaminated. If contaminated, dispose of in accordance with all Federal, State, and Local laws.

Other Precautions: Do not use directly on water. Do not contaminate water supplies. Do not apply when weather conditions favor drift from target area.

**SECTION - VIII - CONTROL MEASURES**

Ventilation Requirements: None required with normal use of this product.

**PERSONAL PROTECTIVE EQUIPMENT**

Respiratory Protection: None required with normal use of this product.

Protective Clothing: None normally required. Those with unusually sensitive skin should wear long sleeves, pants, and gloves.

Eye Protection: Use of safety glasses with side shields is recommended.

**SECTION - IX - ADDITIONAL INFORMATION**

This product is a plant food. However, large spills could possibly kill vegetation or cause illness in animals. Contamination of waterways may cause fish kill. Keep animals away from large spills.

**SECTION - X- SARA TITLE III REQUIREMENTS**

Section 302 Extremely Hazardous Substances: No

SARA Hazard Category: None

Section 311/312 Hazardous Substances: No

Carcinogenic Compound(s) (IARC/NTP/OSHA/ACGIH): None

Section 313 Toxic Chemicals: No

**OTHER PRECAUTIONS AND COMMENTS**

The information in this Material Safety Data Sheet is believed to accurately reflect the scientific evidence used in making the hazard determination. It is considered only as a guide, and not a warranty or representation for which we assume legal responsibility. Independent decisions must be made on the suitability and use of this product dependent on variable storage conditions or locally applicable laws or government regulations. The buyer and user assumes all risk and liability of storage, handling, and use of this product not in accordance with the terms of the product label.

**NA = NOT APPLICABLE**

**NI = NOT INDICATED**

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