

## MATERIAL SAFETY DATA SHEET

### SECTION 1. IDENTIFICATION

Date: 02/01/08

#### MANUFACTURER/FORMULATOR:

Gro-Power, Inc.  
15065 Telephone Avenue  
Chino, CA 91710-9614

**PRODUCT NAME:** Gro-Power 10-0-10 30/HA

**COMMON NAME:** Organic base and inorganic chemical fertilizer

**CHEMICAL TYPE:** Inorganic salts / methylene urea

**TELEPHONE NO.:** (800) 473-1307

### SECTION 2. INGREDIENTS

| CHEMICALS NAMES & SYNONYMS | CHEMICAL FORMULAS | CAS NO. | LD50 | TLV/PEL |
|----------------------------|-------------------|---------|------|---------|
|----------------------------|-------------------|---------|------|---------|

#### HAZARDOUS:

|            |                                |           |      |                      |
|------------|--------------------------------|-----------|------|----------------------|
| Iron Oxide | Fe <sub>2</sub> O <sub>3</sub> | 1317-61-9 | NONE | 10 mg/M <sup>3</sup> |
| Zinc Oxide | ZnO                            | 1314-13-2 | NONE | 10 mg/m              |

**NON-HAZARDOUS:** A non-hazardous blend of urea, methylene urea, potassium sulfate, iron oxide, manganese oxide, zinc oxide, humus and organic soil penetrant.

### SECTION 3. PHYSICAL PROPERTIES

**APPEARANCE:** Granular grayish- brown      **pH:** 6.0      **ODOR:** None      **REACTION w/WATER:** None

**SOLUBILITY:** Moderate      **BOILING PT:** N/A      **MELTING PT:** 240° F Decomposes

**SPECIFIC GRAVITY:** N/A      **VAPOR PRESSURE:** N/A      **%VOLATILES:** N/A

### SECTION 4. FIRE AND EXPLOSION HAZARD DATA

**FLASH POINT:** Decomposes      **FLAMMABLE LIMITS - UPPER:** N/A      **LOWER:** N/A

**AUTOIGNITION TEMPERATURE:** NONE      **DOT HAZARD CLASS:** NONE

**NFPA RATINGS:** HEALTH: 1      **FLAMMABILITY:** 0      **REACTIVITY:** 0      **OTHER:** 0

**EXTINGUISHING MEDIA:** Use any means suitable for extinguishing surrounding fire, dry chemical, water, sand.

**SPECIAL FIRE FIGHTING PROCEDURES:** Remove ignition source. Minimize breathing of fumes.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** At high temperatures, may decompose and release toxic gases of ammonia, phosphates, and nitrates. Dispersion of fine dust in air may form an explosive mixture.

### SECTION 5. REACTIVITY

**STABILITY (NORMAL CONDITIONS):** (X) STABLE      ( ) UNSTABLE

**CONDITIONS TO AVOID:**

**HAZARDOUS POLYMERIZATION:** ( ) MAY OCCUR      (X) WILL NOT OCCUR      **CONDITIONS TO AVOID:** N/A

**INCOMPATIBILITY (MATERIALS TO AVOID):** Oxidizers, potassium chlorate, potassium nitrates, potassium nitrites, and ammonium nitrates.

### SECTION 6. HEALTH HAZARD DATA

**ROUTES OF ENTRY:** (X) INHALATION      ( ) SKIN      ( ) INGESTION      ( ) EYES

**HEALTH HAZARDS:** No health hazard under normal conditions. Dust from product may cause slight irritation to respiratory mucous membranes. Prolonged contact may cause slight skin irritation. May be slightly irritating to eyes.

**SIGNS AND SYMPTOMS OF EXPOSURE:** No effects of overdose listed in literature; however, overdose may cause weakness, diarrhea, circulatory problems and nausea.

**EMERGENCY FIRST AID:** If large amount ingested, give 2-3 glasses of water and induce vomiting. Obtain medical attention. For eye exposure, flush eyes with water for 15 minutes to remove dust. For skin exposure, wash skin with mild soap and water.

**POTENTIAL CARCINOGENICITY:** Not listed by (NTP) or (LARC).

### SECTION 7. PRECAUTIONS FOR SAFE HANDLING AND USE

**IF MATERIAL IS RELEASED OR SPILLED:** Sweep up and scoop into suitable containers for use, recycle, or disposal.

**HANDLING AND STORAGE PRECAUTIONS:** Store in a cool dry location. Mildly corrosive to copper, brass, alloys, and metals. Store away from strong acids and oxidizers. Keep out of reach of children and pets.

### SECTION 8. CONTROL MEASURES

**VENTILATION:** Natural ventilation outside.

**PROTECTIVE CLOTHING AND EQUIPMENT:** Dust respirator when necessary. Normal clean work clothing. Gloves when handling. Safety glasses.

**WORK HYGIENIC PRACTICES:** Available eyewash fountain and washing facilities. Wash hands after use. Wash work clothes after use.

FURTHER DETAILED INFORMATION AVAILABLE UPON REQUEST. THE INFORMATION ON THIS MSDS IS BELIEVED TO BE CORRECT AND IS GIVEN IN GOOD FAITH; HOWEVER, NO WARRANTY, EXPRESSED OR IMPLIED, IS INTENDED.  
Gro-Power, Inc.