

MATERIAL SAFETY DATA SHEET

I. GENERAL INFORMATION

Identity: Sustane 16-4-8 180 Day *Date Revised:* 7/10
Manufactured by: Sustane Natural Fertilizer, Inc.
310 Holiday Avenue
P.O. Box 19
Cannon Falls, MN 55009
Phone #: 507/263-3003
Emergency Phone #: 800-352-9245

II. HAZARDOUS INGREDIENTS

| <u>Component</u> | <u>CAS#</u> |
|--------------------|-------------|
| Potassium Nitrate | 7757-79-1 |
| Ammonium Phosphate | 7722-76-1 |

III. PHYSICAL/CHEMICAL CHARACTERISTICS

Physical State: Solid *Odor:* Slight Earthy Odor
Boiling Point: N/A *Specific Gravity:* N/A
Vapor Pressure: N/A *Melting Point:* N/A
Vapor Density: N/A *Evaporation Rate:* N/A
Solubility in Water: Slight *Density:* 44 lbs per cubic foot
Appearance: Light Brown granule with slight earthy odor, blended with multi colored prills.

IV. FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method: Decomposes on heating *Flammable Limits:* N/A
Extinguishing Media: Water fog. Foam. CO² or Dry Chemical
Special Fire Fighting Procedures: Evacuate area. Flood with water.
Unusual Fire and Explosion Hazards: Decomposes at extremely high temperatures.

V. REACTIVITY DATA

Stability: Stable in normal usage and storage
Incompatibility (Materials to Avoid): Strong alkaline agents
Hazardous Decomposition or Byproducts: Nitrous Oxides, Ammonia.
Hazardous Polymerization: Will Not Occur

VI. HEALTH HAZARD DATA

Route(s) of Entry:
Inhalation: Move to fresh air. *Skin:* Wash thoroughly with soap and water. *Ingestion:* Drink water and induce vomiting
Health Hazards (Acute and Chronic): Inhalation: Dust may be irritating
Carcinogenicity: NTP IARC Monographs OSHA Regulated None Known
Signs and Symptoms of Exposure: N/A
Medical Conditions Generally Aggravated by Exposure: None Known
Emergency and First Aid Procedures: Eye contact - flush with water. Skin contact - wash with soap and water. Inhalation - remove to fresh air.

VII. PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material is Released or Spilled: Can be swept, shoveled or vacuumed into containers.
Waste Disposal Method: Dispose of in accordance with applicable local, state and federal regulations.
Precautions to Be Taken in Handling and Storing: Store under dry conditions.
Other Precautions: N/A

VIII. CONTROL MEASURES

Respiratory Protection: Use NIOSH approved respiratory protection if conditions warrant.
Ventilation: N/A *Protective Gloves:* Recommended *Eye Protection:* Recommended
Other Protective Clothing or Equipment: N/A *Work/Hygienic Practices:* N/A

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 conditions or locally applicable laws or government relations. 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.

