

MATERIAL SAFETY DATA SHEET

I. GENERAL INFORMATION

Identity: Sustâne 12-4-8 Natural Base Fertilizer *Date Revised:* 01/08
Manufactured by: Sustane Natural Fertilizer of America, Inc.
310 Holiday Avenue
P.O. Box 19
Cannon Falls, MN 55009 USA
Phone #: 507-263-3003 (International)
Emergency Phone #: 800-352-9245

II. HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

N/A Non-hazardous natural base fertilizer
Trade names: Sustâne 12-4-8 Natural Base Fertilizer;
Chemical Family: Stabilized aerobic compost base, hydrolyzed protein meal; plus mineral additives
Components: Aerobic compost: 60 – 75%; hydrolyzed protein meal: 5 – 10%; mineral additives: 5% - 10%; urea: 20 – 30%
Other contaminants: None
CAS Number (for urea only): 57-13-6

III. PHYSICAL/CHEMICAL CHARACTERISTICS

Notice: When heated the urea component decomposes to carbon dioxide and ammonia
Boiling Point: N/A decomposes *Specific Gravity:* N/A
Vapor Pressure: N/A *Melting Point:* N/A
Vapor Density: N/A *Evaporation Rate:* N/A
Solubility in Water: Slight to moderate
Appearance and Odor: Dark brown granule with slight earthy odor

IV. FIRE AND EXPLOSION HAZARD DATA

Flash Point: No Information *Flammable Limits:* Not flammable
Extinguishing Media: Water fog, Foam, CO₂ or Dry Chemical
Special Fire Fighting Procedures: Do not breathe fumes. Firefighters should wear self-contained breathing apparatus.
Unusual Fire and Explosion Hazards: Decomposes at extremely high temperatures. See hazardous decomposition above.

V. REACTIVITY DATA

Stability: Stable in normal usage and dry storage *Conditions to avoid:* excessive heat, moisture
Incompatibility (Materials to Avoid): None Known
Hazardous Decomposition: If heated to decomposition, may give off ammonia and carbon dioxide (Urea).
Hazardous Polymerization: Will Not Occur

VI. HEALTH HAZARD DATA

Route(s) of Entry: Inhalation, skin, ingestion
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 promptly with water for at least 15 minutes. Skin contact - wash with soap and water. Inhalation – remove to fresh air.
OSHA regulated: No

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 labeled containers for reuse or disposal. Avoid contact with skin, eyes and clothing. Do not inhale or eat, drink or smoke while handling product. Do not apply directly to waters. Prevent runoff from entering any drains, sewers or any body of water.
Waste Disposal Method: Dispose of in accordance with applicable local, state and federal regulations.
Precautions to Be Taken in Handling and Storing: Store under cool, dry conditions out of reach of children or animals.
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 the manufacturer assumes 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 assume all risk and liability of storage conditions or locally applicable laws or government relations. The buyer and user assume all risk and liability of storage, handling, and use of this product not in accordance with the terms of the product label.