

Material Safety Data Sheet

Identity: Nature Safe 10-3-10 Fortified with Methylene Urea, Fe & Mn

Section I - General Information

Manufacturer's Name: Nature Safe Natural & Organic Fertilizers, A Division of Griffin Industries, Inc. Emergency Telephone Number: (859) 472-7363
4221 Alexandria Pike
Cold Spring, KY 41076 Telephone Number for Information: (859) 472-7363

Date Prepared: 3/19/07
Signature of Preparer: Tom Dobbs

Section II - Hazardous Ingredients/Identity Information

Hazardous Components : Contains no Hazardous Components as described in the Hazard Communication Standard
Substance: - Natural Organic Fertilizer CAS Number N/A
Trade Names: - Nature Safe, Nature Safe 10-3-10 Fortified with Meth-Ex 40®, Fe & Mn
Chemical Family: Proteinaceous Organic Animal Byproducts plus Mineral Additive
Molecular Formula: N/A Molecular Weight: N/A

Components and Contaminants

Components: Animal Byproducts Percent: 50-60%
Methylene Urea (40% Nitrogen) 10% (CAS # 9011-05-6)
Mineral Additives 20-30%
Vegetable Byproducts 1- 6%
Other Contaminants: None

Section III - Physical/Chemical Characteristics

Boiling Point: Decomposes Specific Gravity (H2O = 1) 0.5 avg.
Vapor Pressure (mm Hg): N/A Melting Point: Decomposes
Vapor Density (Air = 1): N/A Evaporation Rate: 0 (Butyl Acetate = 1)
Solubility in Water: Partly Soluble to Insoluble
Appearance and Odor: Tan to Dark Brown Solid, Characteristic Odor

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used): None Decomposes
Flammable Limits: N/A LEL: N/A UEL: N/A
Extinguishing Media: Type A or B
Special Fire Fighting Procedures: None
Unusual Fire and Explosion Hazards: Product will decompose under fire conditions. Decomposition products may be toxic (cyanic acid, ammonia, carbon dioxide)

Section V - Reactivity Data

Reactivity: Stable
Conditions to Avoid: Avoid contact with strong oxidizers
Incompatibility (Materials to Avoid): Keep separate from products containing ammonium nitrate
Hazardous Decomposition or Byproducts: Thermal degradation may produce cyanic acid, ammonia, and carbon dioxide.
Hazardous Polymerization: Will Not Occur

Section VI - Health Hazard Data

Inhalation: Remove to fresh air
Skin Contact: N/A – not known to be an irritant in normal use
Eye Contact: N/A – not known to be an irritant in normal use
Ingestion: N/A (consult physician if ingested)
Emergency and First Aid Procedures: Wash well with soap and water after handling
OSHA Regulated: No

Section VII - Precautions for Safe Handling and Use

Steps to be taken in case material is released or spilled:
Small Spills: Sweep up spills, if uncontaminated collect and reuse as recommended for product
Large Spills: Same

Disposal: Send to sanitary landfill or contact Griffin Industries, Inc. concerning reprocessing.

Precautions To Be Taken in Handling and Storing: Do not eat, drink or smoke while handling this product. Wash hands thoroughly with soap and water. Other Precautions – This product is a plant food. However, large spills could possibly kill vegetation or cause illness in animals. Contamination of waterways may cause fish kills. Prevent large quantities from contacting vegetation or waterways. Keep animals away from large spills.

Section VIII - Control Measures

Respiratory Protection - None required for normal use
Ventilation - Normal
Protective Gloves - None required but rubber gloves can be used.
Eye Protection - Safety glasses while handling bulk quantities
Other Protective Clothing or Equipment - No protection normally required
Work/Hygienic Practices - Wash well with soap and water after handling

The information provided is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes.