

# Material Safety Data Sheet

## Identity: Nature Safe 15-2-8 with Methylene Urea

### Section I - General Information

Manufacturer's Name: Griffin Industries, Inc. Emergency Telephone Number: (859) 472-7363  
4221 Alexandria Pike Telephone Number for Information: (859) 472-7363  
Cold Spring, KY 41076

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 15-2-8  
Chemical Family: Proteinaceous Organic Animal Byproduct plus Mineral Additive  
Molecular Formula: N/A Molecular Weight: N/A

### Components and Contaminants

Components:	Animal Byproducts	Percent: 33-60%
	Polyurethane-coated Urea (40% Nitrogen)	19%
	Mineral Additives	4-13%
	Vegetable Products	1-6%
Other Contaminants:	None	

### Section III - Physical/Chemical Characteristics

Boiling Point: Decomposes	Specific Gravity (H <sub>2</sub> O = 1): 0.50 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 Particles, 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.

### Section V - Reactivity Data

Reactivity: Stable  
Conditions to Avoid: Avoid contact with ammonium nitrate fertilizers  
Incompatibility (Materials to Avoid): Keep separate from any product 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: N/A  
Skin Contact: N/A  
Eye Contact: N/A  
Ingestion: N/A  
Emergency and First Aid Procedures: Wash well 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 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.