

Material Safety Data Sheet

Identity: Nature Safe 15-0-8 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: 1/6/10
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 with Methylene Urea CAS Number N/A (mixture)
Trade Names - Nature Safe, Nature Safe 15-0-8
Chemical Family: Proteinaceous Organic Animal By-product plus Mineral Additive
Molecular Formula: N/A Molecular Weight: N/A

Components and Contaminants

Components:	Animal By-products	Percent: 50-70% CAS# 68131-124
	Polyurethane-coated Urea (40% Nitrogen)	15-25% CAS# 9011-05-6
	Mineral Additives	15-25% CAS# 7778-80-5

Section III - Physical/Chemical Characteristics

Boiling Point: Decomposes Specific Gravity (H₂O = 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: Evacuate personnel to a safe area
Unusual Fire and Explosion Hazards: Product can decompose under fire conditions to produce oxides of carbon, nitrogen and sulfur

Section V - Reactivity Data

Reactivity: Stable
Conditions to Avoid: Avoid contact with strong oxidizers
Incompatibility (Materials to Avoid): Keep separate from any product containing ammonium nitrate
Hazardous Decomposition or By-products: Thermal degradation can produce ammonia, carbon dioxide, nitrous oxide and sulfur dioxide
Hazardous Polymerization: Will Not Occur

Section VI - Health Hazard Data

Inhalation: May cause mucous membrane irritation at high dust concentrations
Skin Contact: If skin irritation occurs, wash thoroughly with soap and water
Eye Contact: In case of contact flush eyes with plenty of water
Ingestion: Call poison control center and follow their advice
Emergency and First Aid Procedures: Wash well after handling.
Carcinogenicity: None IARC Monographs: N/A
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: Call Griffin Industries, Inc. concerning reprocessing. Ensure disposal is in accordance with applicable Federal, State and Local disposal regulations and government requirements.
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 - Local or general
Protective Gloves - None required, but wear rubber gloves if skin irritation occurs
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.