



Material Safety Data Sheet

Product and Manufacturer Information

Name: Granular Fertilizer

Synonyms: 20-10-10, 25-0-3, 16-0-4, 34-0-4, 16-28-12, 25-0-0, etc.

Manufacturer: Morral Companies, LLC; P.O. Box 26, Morral OH 43337. Phone: 740-465-3251

For Transportation Emergencies call Chemtrec at 800-424-9300

For Other Emergencies call 911 and/or Appropriate Regulatory Agencies

Date of Preparation: 11 March 2010

Composition / Information on Ingredients

<u>Component</u>	<u>CAS #</u>
Urea	57-13-6
Ammonium Phosphate, monobasic	7722-76-1
Ammonium Phosphate, dibasic	7783-28-0
Potassium Chloride	7447-40-7

Health Hazard Identification

Skin Contact: May irritate sensitive skin.

Eye Contact: May cause irritation.

Respiration: If breathed as a dust, irritation may occur.

Ingestion: Large volumes may cause diarrhea and diuresis.

First Aid Measures

Skin Contact: Rinse thoroughly with water. Seek medical attention if irritation persists.

Eye Contact: Rinse thoroughly with water for 15 minutes. Seek medical attention if irritation persists.

Respiration: Seek medical attention.

Ingestion: Give large quantities of water and induce vomiting. Seek medical attention.

Fire Fighting Measures

Flash point:

Extinguishing Materials: All standard agents are acceptable.

Special Hazards and Precautions: Ammonia, Oxides of Nitrogen, and Chlorine gases may be evolved at elevated temperatures.

Accidental Release Measures

Do not allow to enter drains, waterways, etc. Do not dilute with water or use water to flush material to another location. For uncontrolled or major releases, response by trained personnel using preplanned procedures is recommended. Refer to Exposure Controls / Personal Protection to determine proper PPE. Consult applicable regulatory agencies for spill reporting and disposal.



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Handling and Storage

Standard conditions are generally acceptable. Keep from humidity to avoid product caking/clumping.

Exposure Controls / Personal Protection

Skin exposure should be kept minimal by wearing gloves, long pants, and long sleeved shirts. Ingestion and respiration of the material are unusual occurrences under typical conditions of use.

Physical and Chemical Properties

Appearance: white and brown granules. May have some dust or fine particles.
Odor: none

Stability and Reactivity

This material is stable under normal use and storage conditions. This product is not a reactivity or polymerization hazard.
Dust-Air mixtures may ignite and explode.

Toxicological Information

This material is not known to be a toxicity hazard to animals or humans.

Ecological Information

Ecotoxicity for this product is low. It contains plant nutrients. It incorporates into biological processes.

Disposal Considerations

This material is not defined as a hazardous waste by the U.S.E.P.A. Dispose of this material as recommended by federal, state, and local regulations.

Transport Information

This material is not regulated as a hazardous material by the U.S.D.O.T. Use normal transportation safety precautions.

Regulatory Information

SARA Title III Hazard Class: not considered a hazard
CERCLA Reportable Quantity: not applicable.
TSCA: not regulated
RCRA Hazardous Waste Classification: not regulated



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Disclaimer

This information is accurate to the best of our knowledge, and is furnished without warranty of any kind. Users should determine the suitability of this material for its intended purpose. The user assumes all risks associated with the use of this product.