



46-0-0

GUARANTEED ANALYSIS
46-0-0

TOTAL NITROGEN (N): 46.00%

FL Reg. No. F1912

U.S. Pat. No. 5,698,003 and 5,352,265

Derived from: Urea.

*Nitrogen stabilized with dicyandiamide and N-(n-butyl) thiophosphoric triamide.

Ingredients: Urea, Dicyandiamide and N-(n-butyl) thiophosphoric triamide.

Use in accordance with recommendations of a qualified individual or institution, such as, but not limited to, an agronomist or a university turf extension publication, or apply according to the recommendations in your approved nutrient management plan.

If this product is being sold in a state requiring the publication of information regarding its metal content, information regarding the contents and levels of metals in the product is available at the following website: www.aapfco.org/metals.htm.

UMAXX® Stabilized Nitrogen contains a patented urease inhibitor used to reduce the loss of nitrogen (ammonia volatilization) when surface broadcast and a second inhibitor that reduces nitrogen loss in the soil. It is an effective tool to help manage your fertility program in the landscape and provides long lasting green turf. It has the flexibility to be applied as a granular fertilizer or a liquid solution.

Keep Out of the Reach of Children

Dusts or powder may irritate the respiratory tract, skin and eyes.

Avoid contact with skin and eyes. Wear appropriate personal protective equipment. Wash thoroughly after handling product.

FIRST AID

Eye contact: Dust in the eyes: Do not rub eyes. Remove contact lenses, if present and easy to do. Flush eyes immediately with large amounts of water. Get medical attention if irritation develops and persists.

Skin contact: Immediately flush skin with plenty of water. Get medical attention if irritation develops and persists.

Inhalation: Remove from area of exposure. For breathing difficulties, oxygen may be necessary.

Ingestion: Rinse mouth thoroughly. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical attention.

Directions For Use In Soluble Fertilizer Programs					
Desired Delivery Rate (gallons/1000 sq. ft.)	1.00	1.50	2.00	2.50	3.00
N rate (lbs/1000 sq. ft.)	Pounds of UMAXX® per 100 gallons				
0.10	22	14	11	9	7
0.15	33	22	16	13	11
0.20	43	29	22	17	14
0.25	54	36	27	22	18
0.50	109	72	54	43	36
Total Coverage in 1000 sq. ft.	100	67	50	40	33

It is a violation of law in Maryland and New Jersey to apply this product to turf at a rate that results in greater than 0.7 pounds of nitrogen per 1,000 square feet per application. Additional restrictions apply to total nitrogen applied to turf per season. Other state and local restrictions may apply.

50 LB. (22.68 kg)



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UMAXX® Stabilized Nitrogen Fertilizer

Ingredients: Urea, Dicyandiamide and N-(n-butyl) thiophosphoric triamide.

Manufactured By:

Koch Agronomic Services, LLC / 4111 E 37th St. N. / Wichita, KS 67220
kochmsds@kochind.com / 1.866.863.5550

For Chemical Emergency:

Call CHEMTREC day or night / USA/Canada - 800.424.9300

Outside USA/Canada - 1.703.527.3887

HAZARD STATEMENTS

Dusts or powder may irritate the respiratory tract, skin and eyes.

HMIS ratings

Health: 1

Flammability: 1

Physical hazard: 0

WHMIS status: This product is not controlled under WHMIS.

GENERAL PRECAUTIONS FOR HANDLING, USE AND STORAGE

Observe all precautions on label and read safety data sheet before use.

Not recommended for feed application. Always adhere to applicable provisions of federal, state, provincial, and local laws and regulations.

Do not apply directly to water or within twenty feet of a water body. Do not contaminate waterways and sewers during cleaning of equipment or disposal of wastes. Apply to turf only during allowed seasons and only under allowed conditions. Sweep any product that falls onto hard surfaces back onto the turf.

Do not use in container grown plants.

Handling

Use care in handling/storage. Avoid generation and spreading of dust. Avoid inhalation of dust and contact with eyes. Avoid prolonged exposure. Handle and open container with care. Keep away from food, drink and animal feedingstuffs. Keep livestock off treated areas until after 1 inch of rainfall has accumulated. Urea may be toxic to livestock when ingested. Wash before eating, drinking and/or smoking. Wash thoroughly after handling.

Storage

UMAXX® Stabilized Nitrogen is a fertilizer with the same storage characteristics as urea. Store in a cool, dry place protected from moisture. Should hardening occur, the effectiveness of the product would not be diminished. Simply melt or recondition the product as you would urea.

Store in tightly closed original container in a well-ventilated place. Store in accordance with local, regional, national, and international regulations. Long term storage at temperatures above 100°F (36°C), and long term storage of opened containers, will cause the product to degrade. Store below 100°F (36°C) and use opened containers within 30 days. Always use oldest stock first. Best when used within 9 months.

Personal Protective Equipment

Eye/face protection: Chemical goggles are recommended. Provide eyewash station.

Hand/Skin protection: Neoprene gloves are recommended. Chemical resistant clothing is recommended. Routinely wash work clothing and protective equipment to remove contaminants.

Respiratory protection: Provide adequate general and local exhaust ventilation. In case of inadequate ventilation or risk of inhalation of dust, use suitable respiratory equipment with particle filter. Wear air supplied respiratory protection if exposure concentrations are unknown. Wear respiratory protection during operations where spraying or misting occurs.

FIRE FIGHTING

This product is not flammable.

In the event of a fire, use water fog, water spray, carbon dioxide (CO₂), or foam. Do not use water jet as an extinguisher, as this will spread the fire.

This Product Contains:

Urea (57-13-6) - 60 - 100%

Dicyandiamide (461-58-5) - 1 - 5%

Non hazardous dye (Proprietary) - < 3%

N-Methyl-2-pyrrolidone (872-50-4) - < 0.1%

N-(n-butyl)-thiophosphoric triamide (94317-64-3) - < 0.1%

Non hazardous component (Proprietary) - < 0.1%

DIRECTIONS FOR USE

Use in accordance with recommendations of a qualified individual or institution, such as, but not limited to, an agronomist or a university turf extension publication, or apply according to the recommendations in your approved nutrient management plan.

Do not over apply. Do not apply when environmental conditions are conducive to phytotoxicity (leaf tissue burning).

There are no reentry restrictions unless used with pesticides or fertilizer materials that may have such requirements.

46-0-0 Guaranteed Minimum Analysis

Total Nitrogen (N): 46%

46% Urea Nitrogen*

Derived from urea.

*Nitrogen stabilized with dicyandiamide and N-(n-butyl) thiophosphoric triamide.

Before buying or using this product, read the "Warranty Disclaimer" and "Inherent Risks of Use and Limitations of Liability" at the end of the label. If terms are unacceptable, return at once unopened to place of purchase.

TERMS AND CONDITIONS OF USE

If the terms of the following Warranty Disclaimer and Inherent Risks of Use and Limitation of Liability are not acceptable, return unopened package immediately to place of purchase for a refund of the purchase price paid. Otherwise, use by the buyer of this product or any other user constitutes acceptance of the terms under Warranty Disclaimer and Inherent Risks of Use and Limitation of Liability.

WARRANTY DISCLAIMER

As its exclusive warranty, Koch Agronomic Services, LLC ("KAS") warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes expressly stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. KAS makes no guarantee that use of this product will yield any specific results. TO THE EXTENT PERMITTED BY APPLICABLE LAW, KAS HEREBY DISCLAIMS AND DOES NOT MAKE ANY OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

INHERENT RISKS OF USE AND LIMITATION OF LIABILITY

It is impossible to eliminate all risks associated with use of this product. Plant damage or personal injury, lack of performance, or other unintended consequences may result because of such factors as use of product contrary to label instructions (including conditions noted on the label, unfavorable temperatures, soil conditions etc.), abnormal conditions (such as excess rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of KAS. All such risks are expressly assumed by the buyer of this product.

The exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to, at KAS's election, one of the following:

- 1) Refund of purchase price paid by buyer or,
- 2) Replacement of amount of product used.

KAS shall not be liable for losses or damages resulting from handling or use of this product unless KAS is promptly notified of such loss or damage in writing. In no case shall KAS be liable for consequential, incidental, special or exemplary damages or losses.

The terms of the Warranty Disclaimer above and this Inherent Risks of Use and Limitation of Liability cannot be varied by any written or verbal statements or agreements. No employee, distributor or sales agent of KAS, or any other seller or user is authorized to vary or exceed the terms of the Warranty Disclaimer or this Inherent Risks of Use and Limitation of Liability in any manner.

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Net wt. 50 pounds

www.UMAXX.com

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