

N-Ext D-thatch™

Concentrate

0-0-2

GUARANTEED ANALYSIS

SOLUBLE POTASH (K₂O).....5.0%

Derived from: Potassium Hydroxide

ALSO CONTAINS NON-PLANT

FOOD INGREDIENT(S):

4.0 % Humic Acids

(Derived from Leonardite)

2.0% Fulvic Acid

1.1% Cane Sugar

2.0% Yeast blends

Purpose Statement:

Adds humic acid to the soil.

May increase micronutrient uptake.

Information regarding the contents and levels of metals in this product is available on the internet at <http://w.aapfco.org/metals.html>

1.0 qt = 2.2 lbs at 68° F

net volume 1.0 qt (.95 l)

Greene County
Fertilizer Company™

Fertility Forward®



Page 1 of 2 | See Back Label

GREENCOUNTYFERT.COM/DIY/

INFO

SDS & Labels

DIY Directions For Use

SHAKE WELL! *The mixed product should be agitated prior to and during application.*

Turf: Apply up to 9 ounces of N-Ext D-thatch™ per 1,000 sq. ft. diluted with a minimum of 1 quart of water per 3 ounces of D-thatch.

Product can be applied as often as every three weeks during the growing season depending on thatch layer thickness.

Plants and Shrubs: Can be applied as often as monthly during growing season. Mix 1-2 ounces of N-Ext D-thatch™ in minimum of 1 quart of water and apply to soil. Do not over-water.

Product is safe for use on all turf types and ornamental plants.

Storage: Store in a cool dry place away from direct sunlight. Product will store for 2 years under warehouse conditions.



0-0-2 **N-Ext** Concentrate *D-thatch*™

Manufactured and Guaranteed by
Greene County Fertilizer Company, Inc.
P.O. BOX 1346, Greensboro, GA 30642
1-855-606-3378 • greencountyfert.com
F2735

1.0 qt = 2.2 lbs at 68° F
net volume 1.0 qt (.95 l)



Compatibility: These concentrated materials are compatible with most fertilizers and chemicals but should not be mixed directly with other chemicals. Conduct a jar test as needed to ensure compatibility before mixing.

Apply in accordance with best management practices (BMP's) established by your Cooperative Extension Service.

Observe any State or Local fertilizer application regulations.

Caution: Apply only to turf, plants, and soil. If plants are flowering, apply to base of the plant to avoid staining of blooms. This product may stain concrete, wood and other pervious and impervious surfaces.

Keep out of reach of children. If product comes in contact with skin or eyes flush with water immediately.

Page 2 of 2 | See Front Label for Application Rates

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SDS & Labels

CONDITIONS OF SALE Seller warrants that this product consists of the ingredients specified and is reasonably fit for the purpose stated on this label when used in accordance with directions under normal conditions of use. No one, other than the officer or Seller, is authorized to make any warranty, guarantee, or directions concerning this product. Because the time, place, rate of application and other conditions of use are beyond Seller's control Seller's liability from handling, storage and use of this product is limited to replacement of product or refund of purchase price. Buyer assumes all responsibility for safety and use not in accordance with label instructions. The product names are registered trademarks of Greene County Fertilizer Company, Inc.

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DIY Directions For Use

SHAKE WELL! *The mixed product should be agitated prior to and during application.*

Tank Mixing: Apply at a minimum rate of 6 ounces per 1,000 sq. ft. and a maximum rate of 9 ounces per 1,000 sq. ft. Dilute with enough liquid to cover 1 acre. Do not apply with less than 7:1 dilution with water.

Product can be applied as often as every three weeks depending on thatch layer thickness. Product is safe for use on all turf types and ornamental plants. Product is intended to be used as an additive to current fertilizer program.

MIXING WITH FERTILIZERS: N-Ext D-thatch™ can be mixed with liquid fertilizers.
Apply in this order: 1) Water, 2) N-Ext D-thatch™, 3) Water Soluble or Liquid Fertilizer.

Mixing with chemicals: N-Ext D-thatch™ can be mixed with most lawn chemicals and applied. Conduct a jar test as needed to ensure compatibility before mixing. We recommend the following: Use the product within 24 hours of mixing products.

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Page 1 of 2 | See Back Label

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SDS & Labels

1.0 gal = 8.9 lbs at 68° F net volume 1.0 gal (3.8 l)

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Caution: This product may stain concrete, wood and other pervious and impervious surfaces. **Apply only** to turf, plants, and soil. If plants are flowering, apply to base of the plant to avoid staining of blooms.

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Page 2 of 2 | See Front Label for Application Rates

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Concentrate **N-Ext** **D-thatch**™

0-0-2

GUARANTEED ANALYSIS

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Product can be applied as often as every three weeks depending on thatch layer thickness.

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MIXING WITH FERTILIZERS: N-Ext *D-thatch*™ can be mixed with liquid fertilizers.

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1.0 gal = 8.9 lbs at 68° F net volume 2.5 gal (9.5 l)

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N-Ext D-thatch

Thatch Digester

Concentrate

Greene County
Fertilizer Company™
Fertility Forward-
DIY
SPEC SHEET



0-0-2

GUARANTEED ANALYSIS

SOLUBLE POTASH (K₂O).....2.0%

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PACKAGING: 1.0 gal bottle and 2.5 gal bottle

PRODUCT DESCRIPTION

N-Ext D-Thatch™ Thatch Digester is designed to reduce thatch build up in lawns that do not have the ability to be mechanically adjusted due to cultivar or time of season.

N-Ext D-Thatch™ focuses on composting thatch faster by encouraging microbial activity at the soil surface and increasing heat. This exothermic release by increased soil activity will breakdown thatch from the soil level up. Thatch is quickly reduced and the organic matter is captured as a food source for your turf.

APPLICATION RECOMMENDATIONS

Product is intended to be used as an additive to current fertilizer program.

Apply as needed during warmer months (aids in microbial reproduction) 6-9 ounces per 1,000 sq. ft. as often as every 3 weeks depending on thatch layer thickness. Initial application may yield a green-up flush as nutrients that were held in the thatch are released.



Always read and follow label directions.

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DIY Directions • Storage & Handling

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Keep out of Reach of Children: If product comes in contact with skin or eyes, flush with water immediately.



GreeneCountyFert.com/DIY

Safety Data Sheet: Greene County Fertilizer Company

Section 1 Identification of the Substance or mixture and of the supplier

1a Product Identifier: **N-EXT D-THATCH™ 0-0-2 THATCH DIGESTER**

1b Other means of Identification: NONE

1c Recommended Use: HORTICULTURAL PLANT FOOD / SOIL AMENDMENT

1d Manufacturer / Supplier Details:

GREENE COUNTY FERTILIZER COMPANY, INC. ▪ P.O. BOX 1346 ▪ GREENSBORO, GA 30642

1e Emergency Phone: **1-855-606-3378**



Section 2 Hazards Identification

2a GHS Classification of the substance: NONE

2b GHS Label elements: NONE

2c Other Hazards: MAY CAUSE REDNESS OF SKIN OR EYE IRRITATION

Section 3 Composition / Information on Ingredients

3a Chemical Identity: NO HAZARDOUS MATERIAL PRESENT IN MIXTURE

3b Common Name: UREA NITROGEN

3c CAS Number and other unique identifiers: CAS124-47-0 / UN1357

3d Impurities and stabilizing additives: NO OTHER HAZARDOUS MATERIAL PRESENT IN MIXTURE

Composition is Proprietary

Section 4 First Aid Measures

4a-c: EYE CONTACT: FLUSH IMMEDIATELY WITH SOAP AND WATER. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS. INHALATION: MOVE TO FRESH AIR. IF BREATHING BECOMES DIFFICULT, CALL PHYSICIAN. INGESTION IRRITATION MAY OCCUR. CONTACT POISON CONTROL IMMEDIATELY.

Section 5 Fire Fighting Measures

PRODUCT IS NOT FLAMMABLE

Section 6 Accidental Release Measures

6a-c: PREVENT PRODUCT SPILLAGE FROM ENTERING STREAMS OR WATER SUPPLIES. COLLECT LIQUID OR ABSORB ONTO ABSORBANT MATERIAL AND PACKAGE FOR DISPOSAL FOLLOWING STATE AND FEDERAL REGULATIONS.

Section 7 Handling and Storage

7a-b: TRANSFER USING CHEMICAL RESISTANT PUMPS, VALVES, AND HOSES. STORE IN PLASTIC CONTAINERS. STORE IN PLASTIC CONTAINERS IN A COOL WELL VENTILATED AREA. DO NOT STORE BELOW 40 F OR ABOVE 110 F. DO NOT STACK PALLETS MORE THAN TWO (2) HIGH.

Section 8 Exposure Controls / Personal Protection

8a-c: EYES – CHEMICAL DUST SPLASH/DUST GOGGLES OR FULL FACE SHIELD TO PREVENT EYE CONTACT. AS A GENERAL RULE, DO NOT WEAR CONTACT LENSES WHEN HANDLING SKIN – WEAR IMPERVIOUS GLOVES AND CLOTHING RESPIRATORY- NOT NORMALLY NEEDED. IF USE GENERATES MIST, USE NIOSHDUST/MIST REPIRATOR (SUCH AS 3M #8710). VENTILATION- RECOMMENDED, BUT NO TLV ESTABLISHED.

Section 9 Physical and Chemical Properties

9a Physical State: LIQUID

9b Odor: EARTHY ODOR

9c Odor Threshold: N/A

9d Ph: 13

9e Melting Point: N/A

9f Boiling Point: 212°F

9g Flash Point: N/A

9h Evaporation Rate: N/A

9i Flammability: N/A

9j Explosive Limits: N/A

9k Vapor Pressure: N/A

9l Vapor Density: N/A

9m Relative Density: 1.35 SPECIFIC GRAVITY

9n Solubility: 100% IN WATER

9o Partition Coefficient: N/A

9p Auto Ignition Temperature: N/A

9q Decomposition Temperature: N/A

9r Viscosity: N/A

Section 10 Stability and Reactivity

10a Reactivity: NONE

10b Chemical Stability: STABLE

10c Possibility of Hazardous Reactions: N/A

10d Conditions to Avoid: NONE

10e Incompatible Materials: CALCIUM

10f Hazardous Decomposition Products: N/A

Section 11 Toxicological Information

11a-b Likely Routes of Exposure / Symptoms of Exposure:

EYES-MILD IRRITANT. MAY CAUSE REDNESS/BURNING. SKIN-MILD IRRITANT, ESPECIALLY FROM PROLONGED EXPOSURE MAY OCCUR. INGESTION-MAY CAUSE CRAMPS OR NAUSEA. INHALATION-MILD IRRITATION MAY OCCUR.

11c: Chronic Effects of Exposure: NOT KNOWN

11d Numerical Measures of Toxicity: NOT KNOWN

Section 12 Ecological Information

12a Eco toxicity: FISH & INVERTEBRATES NOT KNOWN. ALGAL GROWTH INHIBITION NOT KNOWN
NO TOXICITY TO PLANTS. NO TOXICITY TO BIRDS.

12b Persistence and Degradability: NOT KNOWN

12c Bioaccumulative Potential: NOT KNOWN

12d Numerical Measures of Toxicity: NOT KNOWN

Section 13 Disposal Considerations

DO NOT CONTAMINATE LAKES, STREAMS, PONDS, ESTUARIES, OCEANS, OR ANY OTHER BODIES OF WATER BY DISCHARGE OF EFFLUENTS OR WASHWATERS. DISPOSE OF WASTE EFFLUENTS ACCORDING TO STATE AND LOCAL REGULATIONS.

Section 14 Transport Information

14a UN Number: N/A

14b UN Proper Shipping Name: N/A

14c Transport Hazard Class: N/A NON DOT REGULATED FERTILIZER COMPOUNDS (MANUFACTURED)
LIQUID NMFC ITEM 68140 SUB 6 LTL CLASS 70.

14d Packing Group: N/A

14e Environmental Hazards: NONE

14f Transport in Bulk: PRODUCT IS TRANSPORTED IN IBC CONTAINERS, 5 GAL PAILS, 2.5-GAL AND 1.0-GAL F-STYLE JUGS.

14g Special Precautions: NONE

Section 15 Regulatory Information

NONE

Section 16 Other Information Including Information on Preparation and Revision of the SDS

- THIS SDS REVISED 11/01/21

Disclaimer. The information provided in this safety data sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. Neither this data sheet nor any statement contained herein grants or extends any license, expressed or implied, in connection with patents issues or pending which may be the property of the manufacturer or others. The information in this sheet has been assembled by the manufacturer based on its own studies and on the work of others. The manufacturer makes no warranties, expressed or implied, as to the accuracy, completeness, or adequacy of the information contained herein. The manufacturer shall not be liable to the vendee, the vendee's employees or anyone for any direct, special or consequential damages arising out of or in connection with the accuracy, completeness, adequacy, or furnishing of such information. Greene County Fertilizer Company, Inc. assumes no responsibility or liability for any incidental or consequential damages whether related to personal injury or property damage, to vendees, users or third parties, caused by the material; and Greene County Fertilizer Company, Inc.'s responsibility is limited to replacement of, or repayment of, the purchase price for the material(s) with respect to which any damages are claimed. All vendees or users assume all risk associated with the use of the material(s).

