

# 18-0-3

## LESCO® PROFESSIONAL TURF FERTILIZER

For use in Rotary Spreaders Only

Contains LESCO® Poly Plus® Sulfur Coated Urea to provide a uniform growth with extended nitrogen feeding.

**50 lb COVERS 9,000 sq ft**

**DIRECTIONS FOR USE:** This LESCO product is a professional quality turf fertilizer for use on all lawn areas. The best results with this product are obtained when it is applied to actively growing grass, and watered into the turf soon after application. Avoid mowing immediately following application to prevent pick-up.

For best results, sweep or blow the fertilizer off walks and painted surfaces following application to avoid discoloration.

Recommended applications are at the rate of one pound of nitrogen per 1,000 sq ft. Actual rates and timing of applications will vary with weather, soil and turf conditions.

For additional product assistance, call LESCO, Inc. in Cleveland, Ohio at 1-800-321-5325.

**COVERAGE:** 50 pounds of LESCO 18-0-3 Fertilizer covers approximately 9,000 sq ft at the application rate of one pound of nitrogen (5.55 pounds of fertilizer) per 1,000 sq ft.

**ROTARY SPREADER SETTINGS:** Apply LESCO Fertilizers and Combination Products only with a rotary spreader. The following rotary spreader settings are approximate for the application rates of one pound of nitrogen per 1,000 square feet. You may need to adjust the setting depending on walking speed, spreader condition and product.

ROTARY SPREADER	SETTINGS
LESCO Calibration Gauge	17
SCOTTS® R8A	K.5
Cyclone® or Spyker®	4.5
LESCO Pendulum	32
Lely®	4%

## GUARANTEED ANALYSIS

TOTAL NITROGEN (N).....	18.00%
18.00% Urea Nitrogen*	
SOLUBLE POTASH (K <sub>2</sub> O).....	3.00%
SULFUR (S) Total.....	2.21%
2.21% Combined Sulfur (S)	
IRON (Fe) Total.....	2.00%
0.02% Water Soluble Iron (Fe)	
<b>DERIVED FROM:</b> Polymer Coated Sulfur Coated Urea, Urea, Muriate of Potash, Iron Sulfate	
CHLORINE (Cl) Max.....	2.25%
*6.48% Slowly Available Urea Nitrogen from Polymer Coated Sulfur Coated Urea.	

### F1560

#### CONDITION OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully and completely. It is impossible to eliminate all risks inherently associated with the use of this product. Buyer and/or User assumes all risks of ineffectiveness or other unintended consequences or damages that may result from conditions outside or beyond the control of LESCO, Inc. including but not limited to such factors as manner of use or application, weather or weather conditions outside the range considered normal at the application site or for the time period in which the product is applied, the presence of other materials, incompatible products, or other influencing factors which are beyond the control of LESCO, Inc. All such risks shall be assumed by Buyer and/or User, and Buyer and/or User agrees to hold LESCO, Inc. harmless for any claims relating to such factors.

LESCO, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with the Directions for Use under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of LESCO, Inc. and Buyer and/or User assume the risk of any such use.

LESCO, INC. MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

THE EXCLUSIVE REMEDY OF THE BUYER AND/OR USER AND THE EXCLUSIVE LIABILITY OF LESCO, INC. FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF LESCO, INC. REPLACEMENT OF THE PRODUCT, OR IF NOT ACQUIRED BY PURCHASE, REPLACEMENT OF SUCH QUANTITY. IN NO EVENT SHALL LESCO, INC., BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES.

LESCO, Inc. offers this product, and Buyer and/or User accepts it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of LESCO, Inc.

Do not apply near water, storm drains or drainage ditches. Do not apply if heavy rain is expected. Apply this product only to your lawn and sweep any product that lands on the driveway, sidewalk or street, back onto your lawn.

Information concerning the raw materials composing this product can be obtained by writing to: LESCO, Inc., Attn: RA Dept, 1385 East 36<sup>th</sup> Street, Cleveland, Ohio 44114-4114, referring to the item number found on this bag.

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.apfco.org/metals.htm>

Poly Plus is comprised of Polymer Coated Sulfur Coated Urea.

LESCO and Poly Plus are registered trademarks and the sweeping design is a trademark of LESCO Technologies, LLC. SCOTTS is a registered trademark of The SCOTT Company. Cyclone and Spyker are registered trademarks of Spyker Spreaders, LLC. Lely is a registered trademark of C Van Der Lely N.V.

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Rev. 8/10/11 VT

**NET WEIGHT: 50 lb (22.7 kg)**

Made in U.S.A., Manufactured for: LESCO, Inc. • 1385 East 36<sup>th</sup> Street • Cleveland, OH 44114-4114

# #090642

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NAME	CAS#
Urea	57-13-6
Muriate of Potash	7447-40-7
Sulfur	7704-34-9
Iron Sulfate	8047-67-4

1385 East 36<sup>th</sup> Street, Cleveland, OH 44114-4114  
**EMERGENCY PHONE:** LESCO: (800) 321-5325  
**CHEMTREC:** (800) 424-9300

**DATE ISSUED:** 3/23/11  
**SUPERSEDES:** 11/29/00

### I. PRODUCT IDENTIFICATION

**PRODUCT NAME:** LESCO Granular Fertilizer-All Analyses

**Chemical Family:** Fertilizer Mixture

**Chemical Name/Synonyms:** Granular fertilizers including all chemical, partially sulfur coated, 100% sulfur coated nutrients, with and without micronutrients.

### II. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	%(by/wt.)	CAS #	PEL/TLV
Formulated with one or more of the following ingredients. Check specific product label.			
Urea	0-98	57-13-6	10 mg/M <sup>3</sup> (dust) 5 mg/M <sup>3</sup> (resp)
Potassium Chloride	0 – 95	7447-40-7	10 mg/M <sup>3</sup>
Potassium Sulfate	0 – 95	7778-80-5	10 mg/M <sup>3</sup>
Monoammonium Phosphate	0 – 95	7722-76-1	15 mg/M <sup>3</sup> (dust) 5 mg/M <sup>3</sup> TLV
Diammonium Phosphate	0 – 95	7783-28-0	15 mg/M <sup>3</sup> (dust) 5 mg/M <sup>3</sup> (resp)
Ammonium Sulfate	0 – 95	7783-20-2	15 mg/M <sup>3</sup> (dust)
Calcium Carbonate	0 – 95	1317-65-3	15 mg/M <sup>3</sup> (dust)
Sulfur	0 – 20	7704-34-9	5 ppm (SO <sub>2</sub> )
Iron (Ferric) Oxide	0 – 10	1309-37-1	15 mg/M <sup>3</sup> (dust)
Iron (Ferrous) Sulfate	0 – 10	7720-78-7	15 mg/M <sup>3</sup> (dust)
Manganese Oxide	0 – 10	1317-35-7	15 mg/M <sup>3</sup> (dust)
Magnesium Sulfate	0 – 10	7487-88-9	15 mg/M <sup>3</sup> (dust)
Methylene Urea	0 – 10	9011-05-6	ND
Sulfate of Potash-Magnesia	0 – 10	14977-37-8	15 mg/ M <sup>3</sup> (dust) 5 mg/ M <sup>3</sup> (resp)
Quartz	0 – 0.5	14808-60-7	10 mg/ M <sup>3</sup> / SiO <sub>2</sub> +2 (resp)
Biosolids	0 – 10	ND	NE

TLV of all chemicals and mixtures is 15 mg/M<sup>3</sup>; TWA is 10 mg/M<sup>3</sup>; Respirable dust TLV of 5 mg/M<sup>3</sup>, unless otherwise indicated.

### III. HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:** Primary Route(s) of Entry: Eyes, Skin, Inhalation, Ingestion

**POTENTIAL HEALTH EFFECTS:** May cause irritation to skin and eyes. Ingestion of large amounts may cause gastrointestinal disorder, nausea, vomiting and/or diarrhea.

**EYE:** May cause irritation and possible mechanical injury. Contact may irritate or burn eyes. Prolonged eye exposure may cause conjunctivitis and corneal damage. Avoid contact with eyes.

**SKIN:** Irritating to skin. Prolonged or repeated contact may result in defatting, drying and dermatitis. Avoid contact with skin.

**INHALATION:** Prolonged inhalation may be harmful. Irritating to respiratory system.

**INGESTION:** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**MEDICAL CONDITIONS AGGRAVATED:** None known

**POTENTIAL ENVIRONMENTAL HAZARDS:** No data

### IV. FIRST AID MEASURES

**EYES:** Hold eye open and rinse slowly and gently with water for 15 – 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**SKIN:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 – 20 minutes. Call a poison control center or doctor for treatment advice.

**INHALATION:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

**INGESTION:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**NOTES TO MEDICAL DOCTOR:** Treat symptomatically.

### V. FIRE FIGHTING MEASURES

**Flash Point (Method Used):** NA  
**Lower Explosion Limits:** NA

**Auto Ignition Temperature:** NA  
**Upper Explosion Limits:** NA

**NFPA/HMIS Rating:** Health: 1

**Fire:** 0

**Reactivity:** 0

**EXTINGUISHING MEDIA:**

**Large Fires:**

Foam       Alcohol Foam       CO<sub>2</sub>       Dry Chemical       Water Spray  
 Other

**Small Fires:**

Foam       Alcohol Foam       CO<sub>2</sub>       Dry Chemical       Water Spray  
 Other

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** If heated to decomposition, will give off toxic fumes of ammonia and formaldehyde; also oxides of sulfur, manganese, magnesium, iron, potassium and phosphorus. Under fire conditions, urea may decompose to cyanuric acid, biuret or ammonia.

**FIRE FIGHTING PROCEDURES:** Use self-contained breathing apparatus and protective clothing. Do not allow contamination of any water supply.

**HAZARDOUS COMBUSTION PRODUCTS:** Fire conditions may emit toxic fumes.

### VI. ACCIDENTAL RELEASE MEASURES

**RELEASE NOTES:** If material is spilled and not contaminated, scoop into clean container for use. If contaminated, scoop into containers for disposal.

### VII. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Store in a dry area, away from feed, foodstuffs and away from drains, sewers, and water sources. Keep in a secure area inaccessible to children and unauthorized persons. Keep containers closed. Avoid contact with eyes and skin. Wash hands with soap and water after handling.

**OTHER PRECAUTIONS:** Avoid breathing dust.

### VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Ensure adequate ventilation.

**PERSONAL PROTECTION EQUIPMENT:**

**EYES AND FACE:** Protective goggles or Safety glasses may be worn

**RESPIRATORY:** None needed in outdoor application

**GLOVES:** Rubber gloves may be used.

**PROTECTIVE CLOTHING:** None required in outdoor application

**WORK HYGIENIC PRACTICES:** Wash hands with soap and water after handling.

**COMMENTS:** Eyewash stations should be readily accessible.

### IX. PHYSICAL AND CHEMICAL PROPERTIES

**BOILING POINT:** NA  
**MELTING POINT:** NA  
**VAPOR DENSITY (air = 1):** NA  
**ODOR:** NA

**SPECIFIC GRAVITY:** NA  
**EVAPORATION RATE:** NA  
**VAPOR PRESSURE:** NA  
**SOLUBILITY IN WATER:** Moderately

**APPEARANCE:** Multi-colored granules  
**pH:** NE

**PERCENT VOLATILE:** NA  
**BULK DENSITY (lbs./cu ft):** 45 – 65 lbs

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**X. STABILITY AND REACTIVITY**

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**CONDITIONS TO AVOID:** None known

**STABILITY:** Stable

**POLYMERIZATION:** Will not occur

**INCOMPATIBLE MATERIALS:** Strong acids, caustic compounds, humid-wet conditions

**HAZARDOUS DECOMPOSITION PRODUCTS:** If heated to decomposition, will give off toxic fumes of ammonia and formaldehyde; also oxides of sulfur, manganese, magnesium, iron, potassium and phosphorus. Under fire conditions, urea may decompose to cyanuric acid, biuret or ammonia

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**XI. TOXICOLOGICAL INFORMATION**

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**EYE EFFECTS:** No data

**SKIN EFFECTS:** No data

**DERMAL LC<sub>50</sub>:** No data

**ORAL LD<sub>50</sub>:** No data

**INHALATION LC<sub>50</sub>:** No data

**SENSITIZATION:** No data

**ACUTE EFFECTS FROM OVEREXPOSURE:** May cause irritation to skin and eyes. Ingestion of large amounts may cause gastrointestinal disorder, nausea, vomiting and/or diarrhea

**CHRONIC EFFECTS FROM OVEREXPOSURE:** Prolonged eye exposure may cause conjunctivitis and corneal damage. Prolonged skin contact may defat the skin and produce dermatitis.

**CARCINOGENICITY:** Silica, crystalline quartz (Calcium Carbonate products may contain Crystalline Silica at levels between 0.01% and 0.5% and varies naturally)

**IARC:** Silica, crystalline quartz

**OSHA:** Not listed

**NTP:** Silica, crystalline quartz

**OTHER:** CA Prop 65 – WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

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**XII. ECOLOGICAL INFORMATION**

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**ENVIRONMENTAL DATA:** No Data

**ECOTOXICOLOGICAL INFORMATION:** No Data

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**XIII. DISPOSAL CONSIDERATIONS**

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**DISPOSAL METHODS:** Dispose in accordance with all applicable regulations.

**Product:** If contaminated, scoop into containers for disposal.

**Container:** Empty bags may be incinerated under controlled conditions at an approved incinerator.

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**XIV. TRANSPORTATION INFORMATION:**

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**DOT Transportation:**

Not DOT Regulated

**Proper Shipping Name:**

NA

**Hazard Class:**

NA

**U.S. Surface Freight Class:**

NA

**Marine Pollutant #1:**

NA

**HM 181 Shipping Name:**

NA

**ID NO.:**

NA

**Reportable Quantity (RQ):**

NA

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**XV. REGULATORY INFORMATION – UNITED STATES**

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**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):**

**SEC 311/312:**

Y Immediate (Acute Health)

Y Delayed (Chronic Health)  
X Fire  
X Sudden Release of Pressure  
X Reactivity

**SEC 302 (Extremely Hazardous Substance): NA**

**SEC 304 (Emergency Release Notification): NA**

**SEC 313 (Toxic Chemicals): NA**

**CERCLA RQ: NA**

**CAA RQ: NA**

**EPA Registration No.: NA**

NOTE: NA=Not Applicable; ND=Not Determined; NE=Not Established

Preparation and distribution of this Material Safety Data Sheet is done for LESCO, Inc., pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200).

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For further information, contact: LESCO, Inc. • 1385 East 36<sup>th</sup> Street, • Cleveland, OH 44114-4114 or (800) 321-5325.