

Stonewall™ 0.43% Plus Fertilizer

Read the entire label before using this product. Use only according to label instructions.

NOTICE: Before using this product, read the Directions for Use, Storage and Disposal Instructions, and Warranty Statements. If the Warranty statements are not acceptable, return the product unopened within thirty days of purchase to the place of purchase.

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

ACTIVE INGREDIENT:

Prodiamine: (N ³ , N ² -Di-n-propyl-2,4-dinitro-6-(trifluoromethyl)-m-phenylenediamine)	0.43%
INERT INGREDIENTS:	99.57%
Total	100.00%

KEEP OUT OF REACH OF CHILDREN CAUTION

See the following sections Precautionary Statements, Hazards to Humans and Domestic Animals, for additional information.

FIRST AID

If swallowed	<ul style="list-style-type: none"> 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 by the poison control center or doctor. Do not give anything by mouth to an unconscious person.
If in eyes	<ul style="list-style-type: none"> 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. Call a poison control center or doctor for treatment advice.
If on skin or clothing	<ul style="list-style-type: none"> 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.
If inhaled	<ul style="list-style-type: none"> 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.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact Chem-Trec at 1-800-424-9300 for emergency medical treatment information.

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION: Causes moderate eye injury (irritation). Harmful if inhaled or absorbed through the skin. Avoid contact with skin, eyes, or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling. Prolonged or frequently repeated skin contact while handling the material may cause allergic reactions in some individuals.

ENVIRONMENTAL HAZARDS

This product has low solubility in water. At the limits of solubility, this product is not toxic to fish. However, at concentrations above the level of water solubility, it may be toxic to fish. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent sites. Do not contaminate water when disposing of equipment washwaters.

STORAGE AND DISPOSAL

Do not contaminate water, foodstuffs, feed or seed by storage or disposal. **PESTICIDE STORAGE:** Store this product only in its original container in a dry, cool, secured storage area out of reach of children. **PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Wastes resulting from the use of this product that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticide disposal or in accordance with applicable Federal, State or local procedures. Or call [1-800-CLEANUP] for disposal instructions. Never place unused product down any indoor or outdoor drain. **CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling if available or dispose of empty bag in a sanitary landfill or by incineration or, if allowed by State and local authorities, by burning. If burned, stay out of smoke. **SPILL:** In case of spill, sweep up and use according to directions or dispose of according to "Pesticide Disposal" directions listed above.

DIRECTIONS FOR USE

- It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.
- This product is a selective pre-emergence herbicide that provides residual control of many grass and broadleaf weeds in established turf grasses (excluding golf course putting greens) and lawns; landscape ornamentals; and established perennials & wildflower plantings. This product controls susceptible weeds by inhibiting weed seed germination and root development. Most effective weed control will be obtained when this product is activated by at least 0.5 inch of rainfall or irrigation prior to weed seed germination and within 14 days following application.
- **Not for use on plants being grown (1) for sale or other commercial use, (2) for commercial seed production, or (3) for research purposes. For use on plants intended for aesthetic purposes or climatic modification and being grown in ornamental gardens or parks, or on golf courses or lawns and grounds.**
- Do not graze or feed livestock forage cut from areas treated with this product.
- Do not apply this product through any type of irrigation system.
- Do not apply aerially.
- Do not apply to golf course putting greens.

USE PRECAUTIONS

- The following use precautions apply to the use of this product in turf grasses and lawns:
- Application of this product may thin emerged annual bluegrass and newly over-seeded grasses.
 - Do not apply to overseeded turf for 60 days after seeding or until after the second mowing, whichever ever is longer. Injury to desirable seedlings is likely if this product is applied before seedling secondary roots are in the second inch of soil, not thatch plus soil.
 - Do not cut treated sod before 120 days after application. Do not apply to newly set sod until the following year.
 - Application of this product to turf stressed by drought, low fertility, or pest damage may result in turf injury.

- Disturbing the herbicide barrier with cultural practices such as disking may result in reduced weed control.
- Do not apply this product to putting greens or areas where dichondra, colonial bentgrass, velvet bentgrass or annual bluegrass (*Poa annua*) are desirable species.

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GUARANTEED ANALYSIS

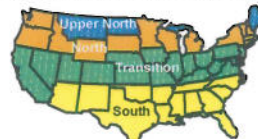
Total Nitrogen (N)	19.00%
19.00% Urea Nitrogen	
Soluble Potash (K₂O)	7.00%
Sulfur (S) Total	1.75%
1.75% Free Sulfur (S)	
Derived From: Polymer Coated Sulfur Coated Urea, Urea, Muriate of Potash.	
Chlorine (Cl) Max.	5.25%
*2.85% Slowly available Urea Nitrogen from Polymer Coated Sulfur Coated Urea.	

APPLICATION DIRECTIONS

Apply uniformly through suitable, calibrated commercial application equipment.

ESTABLISHED TURF

This product is a selective pre-emergence herbicide that, when properly applied, will control certain grass and broadleaf weeds in established turf grass and lawns. The maximum amount of this product that may be applied per year is given for each turf grass species in the Maximum Annual Rates section of this label. Most effective weed control in turf grasses will be obtained when this product is activated by at least 0.5 inch of rainfall or irrigation prior to weed seed germination and within 14 days following application. See the information below for approximate crabgrass seed germination dates.



Region	Date
Upper North	After May 10
North	After April 20
Transition	After March 20
South	Jan 1 - March 20

RATES OF APPLICATION

This product may be applied as a single application or in sequential applications to control weeds germinating throughout the year. All applications must be made prior to germination of the target weeds. This product will not control established weeds. Maximum use rate selection should be based on turf species. The length of time of residual weed control provided by this product is related to the rate applied.

MAXIMUM ANNUAL RATES

This product is recommended for use on the turf grass species listed below. Do not exceed the maximum yearly rate:

Turf Species	Maximum Application Rate per Calendar Year ¹	
	lb LESCO Stonewall 0.43% Plus Fertilizer / acre	lb AI per Acre
Bermudagrass ²	349 lb/acre (8.01 lb/1,000 sq ft)	1.5
Bahiagrass		
Centpedegrass		
Seashore Paspalum		
St. Augustinegrass ²		
Tall Fescue (including turf-type)		
Zoysia		
Buffalograss	233 lb/acre (5.34 lb/1,000 sq ft)	1.0
Kentucky Bluegrass		
Perennial Ryegrass		
Creeping Red Fescue	175 lb/acre (4.02 lb/1,000 sq ft)	0.75
Creeping Bentgrass	150 lb/acre (3.44 lb/1,000 sq ft)	0.65

- These are the maximum rates per calendar year by species limitations.
 - May be used on newly sprigged or plugged Bermudagrass at rates not to exceed 121 lb/Acre. Newly sprigged or plugged Bermudagrass stolon rooting may be temporarily retarded. Suppression only of Foxtail, Goosegrass, and Rescuegrass due to reduced product rates used in sprigging situations.
 - Use at an initial rate of 175 to 233 lb/acre per application followed by sequential applications at doses that would not exceed the maximum annual application rate of 349 lb/acre/year.
- Do not apply more than 349 lb of this product per acre per calendar year. Use the higher rates of this product to achieve higher levels of fertility and weed control for each turf type.

SUGGESTED SPREADER SETTINGS³

Spreader	Recommended Rates in lb per 1,000 sq ft			
	3.44 lb	4.02 lb	5.34 lb	8.01 lb
LESCO Calibration Gauge	#14	#15	#17	#21
SCOTT'S® R8A	J	J ½	K ½	M ½
Cyclone® or Spyker®	4	4 ½	4 ¾	5 ¾
LESCO Pendulum	22	28	32	40

³IMPORTANT: These settings are only approximate. Age, condition of the spreader, and operator speed can cause wide variation. Be sure to calibrate your spreader with each application.

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Stonewall™ 0.43% Plus Fertilizer

APPLICATION TIMING AND INFORMATION

This product may be applied to newly transplanted and established ornamentals as a broadcast, over the top, or directed application. Irrigation or rainfall soon after application will wash residues off plant foliage and activate this product in the soil. This product may be applied at any time to established plants. Delay application to allow soil to settle around new transplants and water thoroughly before applying this product. Apply this product after cuttings form roots and become established. Apply before budding/grafting or after buds/grafts have taken to avoid any inhibition of the tissue union. This product is a pre-emergence herbicide and will not control emerged weeds. Most effective weed control in ornamentals will be obtained when this product is activated by at least 0.5 inch of rainfall or irrigation, or with shallow (1 to 2 inch) mechanical incorporation, prior to weed seed germination and within 14 days following application. Best weed control is obtained when this product is applied to soil free of clods, weeds, and debris such as leaves. Prior to application of this product, control existing vegetation by hand-weeding, cultivation, or the use of an appropriate post-emergence herbicide.

TOLERANT ORNAMENTAL SPECIES

This product will not harm most established ornamental trees, shrubs, and flowers. The species listed below are tolerant to this product. Best results will be obtained when this product is uniformly applied to the soil surface; avoid applying to ornamental shoots which may defeat the effort to get uniform distribution on the soil surface. This product may be applied over the top of these species without injury.

Scientific Name	Common Name	Scientific Name	Common Name
<i>Abies</i> spp.	Fir Species, Balsam, etc. **	<i>Maleophora luteola</i>	Ice Plant
<i>Acer palmatum</i>	Japanese Maple	<i>Malus</i> sp.	Crabapple*
<i>A. platanoides</i>	Norway Maple	<i>Nandina domestica</i>	Heavenly Bamboo
<i>Actinidia chinensis</i>	Kiwi* (Ornamental Only)	<i>Olea europaea</i>	Olive* (Ornamental Only)
<i>Agapanthus africanus</i>	Lily-of-the-Nile	<i>Ophiopogon japonicus</i>	Mondo Grass
<i>Arctostaphylos densiflora</i>	Vine Hill Manzanita	<i>Osteospermum fruticosum</i>	Trailing African Daisy
<i>Arctotheca calendula</i>	Cape Weed	<i>Oxydendrum arborum</i>	Sourwood
<i>Aucuba japonica</i>	Japanese Aucuba	<i>Persea americana</i>	Avocado*
<i>Barberis gladywensis</i>	Barberry	<i>Photinia fraseri</i>	Fraser's Photinia (Redtip)
<i>B. julianae</i>	Wintergreen Barberry	<i>Picea</i> spp.	Colorado Blue, Norway, etc.
<i>B. mentorensis</i>	Mentor Barberry	<i>Pieris japonica</i>	Lily-of-the-Valley Shrub
<i>B. thunbergii</i>	Japanese Barberry	<i>Pinus brutia</i>	Calabrian Pine
<i>B. verruculosa</i>	Warty Barberry	<i>P. canariensis</i>	Canary Island Pine
<i>Buxus microphylla</i>	Japanese Boxwood	<i>P. elliotii</i>	Slash Pine
<i>Callistemon viminalis</i>	Weeping Bottlebrush	<i>P. halepensis</i>	Aleppo Pine
<i>Calluna vulgaris</i>	Scotch Heather	<i>P. nigra</i>	Austrian Black Pine
<i>Carpobrotus edulis</i>	Hotnot Fig (Ice Plant)	<i>P. radiata</i>	Monterey Pine
<i>Cassia artemisoides</i>	Frailery Cassia	<i>P. palustris</i>	Longleaf Pine
<i>Ceanothus rigidus</i>	Wild Lilac	<i>P. strobus</i>	Eastern White Pine
<i>Chamaecyparis pisifera</i>	False Cypress	<i>P. sylvestris</i>	Scotch Pine
<i>Cleyera japonica</i>	Cleyera	<i>P. taeda</i>	Loblolly Pine
<i>Citrus</i> spp.*	Citrus Species**	<i>P. thunbergiana</i>	Japanese Black Pine
<i>Cornus florida</i>	Flowering Dogwood	<i>Pistachio</i> sp.	Pistachio*
<i>C. stolonifera</i>	American Dogwood	<i>Pittosporum rhombifolium</i>	Queensland Pittosporum
<i>Cortadena selloana</i>	Pampas Grass	<i>P. tobira</i>	Japanese Pittosporum
<i>Cotoneaster spiculatus</i>	Cranberry Cotoneaster	<i>Podocarpus macrophylla</i>	Podocarpus sp.
<i>C. buxifolius</i>	Cotoneaster	<i>Prunus laurocerasus</i>	English Laurel
<i>C. dammeri</i>	Bearberry Cotoneaster	<i>Prunus</i> spp.	Almond, Apricot, Nectarine, Peach, Plum, and Prune*
<i>C. microphyllus</i>	Rockspray Cotoneaster	<i>Pseudotsuga menziesii</i>	Douglas Fir (Orna Sites)
<i>Crataegus</i> spp.	Hawthorne*	<i>Pyraecantha coccinea</i>	Firethorn (Scarlet)
<i>Cupressus sempervirens</i>	Italian Cypress	<i>P. fortuneana</i> , <i>koidzumii</i>	Firethorn spp.
<i>Delosperma alba</i>	White Trailing Ice Plant	<i>Quercus</i> spp.	Oak spp.
<i>Dodonea viscosa</i>	Hop Bush	<i>Raphiolepis indica</i>	Indian Hawthorne
<i>Elaeagnus pungens</i>	Silverbeery	<i>Rhododendron</i>	Coral Bells* 'Formosa', 'Hino-crimson', 'IPJM', 'Roseum Elegans'
<i>Eucryphia fortunei</i>	Winterbeery	<i>Rosa banksiae</i>	Lady Bank's Rosa
<i>E. japonica</i>	Evergreen Eucryphia	<i>Rosmarinus officinalis</i>	Rosemary
<i>E. haultschovica</i>	Spreading Eucryphia	<i>Santolina virens</i>	Santolina
<i>Fatsia japonica</i>	Japanese Aralia	<i>Sedum album</i>	Stonecrop
<i>Forsythia intermedia</i>	Border Forsythia	<i>Syzygium paniculatum</i>	Japanese Boxcherry
<i>F. viridissima</i>	Greenstem Forsythia	<i>Taxus cuspidata</i>	Japanese Yew
<i>Gardenia jasminoides</i>	Gardenia, Cape-Jasmine	<i>T. media</i>	Yew, Var.
<i>Hedera helix</i>	English Ivy	<i>Thuja occidentalis</i>	American Arborvitae
<i>Hibiscus rosa-sinensis</i>	Chinese Hibiscus	<i>Trachelospermum asiaticum</i>	Star Jasmine
<i>Ilex cornuta</i>	Chinese Holly	<i>Tsuga canadensis</i>	Common Hemlock
<i>I. crenata</i>	Japanese Holly	<i>Viburnum japonicum</i>	Japanese Viburnum
<i>I. opaca</i>	American Holly	<i>V. odoratissimum</i>	Sweet Viburnum
<i>I. pernyi</i>	Holly	<i>V. picalatum</i>	Japanese Snowball
<i>Jasminum nudiflorum</i>	Winter Jasmine	<i>V. ngidum</i>	Canary Island Viburnum
<i>Juglans</i> sp.	Walnut*	<i>V. tinus</i>	Laurustinus
<i>Juniperus chinensis</i>	Chinese Juniper	<i>V. trilobium</i>	Cranberry Bush
<i>J. conferta</i>	Shore Juniper	<i>V. wrightii</i>	Leatherleaf Viburnum
<i>J. horizontalis</i>	Creeping Juniper	<i>Vinca minor</i>	Dwarf Periwinkle
<i>Justicia brandegeana</i>	Shrimp Plant	<i>Vitis</i> sp.	Grape*
<i>Lagerstromia indica</i>	Crepe Myrtle	<i>Wegelia florida</i>	Old Fashioned Weigela
<i>Ligustrum amurense</i>	Amur Privet	<i>Yucca aloefolia</i>	Spanish Bayonet
<i>L. japonicum</i>	Japanese Privet	<i>Yucca filamentosa</i>	Yucca, Adam's Needle
<i>L. lucidum</i>	Glossy Privet		
<i>Linopoe muscan</i>	Big Blue Lily Turf		
<i>Lonicera japonica</i>	Japanese Honeysuckle		
<i>L. latifolia</i>	Tatarian Honeysuckle		

*Ornamental species only. Do not use on food producing trees or vines.
**For use on landscape ornamental sites.

WEEDS CONTROLLED

When used in accordance with this label, this product will provide control of the following weeds:

Barleygrass	Goosegrass ¹	Lovegrass	Speedwell
Bluegrass, Annual (Poa annua)	Henbit	Panicum (Texas, Fall, Brown Top)	Sprangletop
Carpetweed	Itchgrass	Pigweed	Spurge, Prostrate
Chickweed, Common, Mouseear	Johnsongrass (from seed)	Purslane, Common	Witchgrass
Crabgrass (large, smooth)	Junglerice	Pusley, Florida	Woodsorrel, Yellow (from seed)
Crowfoot grass	Knotweed	Rescuegrass ²	
Cupgrass, Woolly	Kochia	Shepherd's Purse ²	
Foxtails, Annual	Lambsquarter, Common	Signalgrass, Broadleaf	

- In many areas a single application of 150 to 349 lb/acre of this product will control the above listed weeds and goosegrass. However, under heavy goosegrass pressure and/or an extended growing season, most effective weed control can be obtained by making an initial application of 150 to 233 lb/acre followed after 60 to 90 days by a second application at doses that would not exceed those given in the Maximum Annual Rate Table. Do not exceed the maximum rate for turf grass species listed in the Maximum Annual Rate Table above.
- Suppression only. Sequential applications may be made so long as the total amount of product applied does not exceed the maximum annual application rates recommended for each turf species. All applications must be made prior to germination of weed seeds.
- Applications for this weed should be made in late summer, fall or winter prior to germination.

WHEN TO APPLY AFTER OVERSEEDING

Do not apply to overseeded turf within 60 days after seeding or until after the second mowing, whichever is longer. Injury to desirable seedlings is likely if this product is applied before seeding secondary roots are in the second inch of soil, not thatch plus soil.

WHEN TO OVERSEED AFTER APPLICATION

This product will inhibit the germination of turf species if overseeded too soon after application. Follow rates and intervals in the table below for best overseeding/reseeding results.

Product	LESCO Stonewall 0.43% Plus Fertilizer Rate (lb/Acre)	Interval Before Overseeding			
		North	Transition	South	
116 lb/acre	0.50 lb/acre	4 months	4 months	4 months	
150 lb/acre	0.66 lb/acre	5 months	4 months	4 months	
175 lb/acre	0.74 lb/acre	6 months	5 months	5 months	
185 lb/acre	0.80 lb/acre	-	6 months	6 months	
233 lb/acre	1.00 lb/acre	-	7 months	7 months	
265 lb/acre	1.14 lb/acre	-	-	9 months	
302 lb/acre	1.30 lb/acre	-	-	10 months	

LANDSCAPE ORNAMENTALS

(Including Established Perennial and Wildflower Plantings)

This product may be applied for residual pre-emergence weed control in ornamentals.

Use Rates - Apply this product at 150 to 349 lb/acre in fall and/or spring. Use the higher rates of application for longer control periods. Sequential or single applications are allowed so long as the total amount of product applied does not exceed the maximum annual application rate of 349 pounds, per acre, per year.

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. To the extent consistent with applicable law, Buyer and/or User assume 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. To the extent consistent with applicable law, 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. To the extent consistent with applicable law, 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. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, 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.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, 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. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, 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.

Information concerning the raw materials composing this product can be obtained by writing to LESCO, Inc., Attn: RA Dept., 1385 East 36th 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.lesco.com/qa.htm>

Poly Plus is comprised of Polymer Coated Sulfur Coated Urea. LESCO and Poly Plus are registered trademarks and Stonewall and the sweeping design are trademarks of LESCO Technologies, LLC. SCOTTS is a registered trademark of THE SCOTT Company. Cyclone and Spyker are registered trademarks of Spyker Spreaders, LLC.

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Net Weight: 50 lb (22.7 kg)

EPA REG. NO. 10404-89
EPA EST. NO. 82757-FL-001(S), 82757-OH-001(M)
First letter of lot code indicates manufacturing site.

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F1560
Manufactured for: LESCO, Inc.
1385 East 36th Street
Cleveland, OH 44114-4114





LESCO Stonewall® (0.20%, 0.29%, 0.37%, 0.43%, 0.68%, 2.0%) Plus Fertilizer

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
Revision Date: 05/15/2014 Date of issue: 07/02/2013

Version: 1.0

SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Form: Mixture

Product Name: LESCO Stonewall® (0.20%, 0.29%, 0.37%, 0.43%, 0.68%, 2.0%) Plus Fertilizer

Product Code: EPA Registration No.: 10404-88 (0.20%); 10404-89 (0.43%); 10404-90 (0.68%); 10404-91 (2.0%); 60063-28-10404 (0.29%); 60063-41-10404 (0.29%); 60063-40-10404 (0.37%);

Synonyms: Dinitroaniline Herbicide; N3,N3-Di-n-propyl-2,4-dinitro-6-(trifluoromethyl)-m-phenylenediamine

Other means of identification: LESCO Stonewall® Pre-emergence Herbicide plus Fertilizer; LESCO Stonewall® (0.20%, 0.29%, 0.37%, 0.43%, 0.68%, 2.0%) Plus Fertilizer

1.2. Intended Use of the Product

Use of the substance/mixture: Pesticide & Fertilizer

1.3. Name, Address, and Telephone of the Responsible Party

Company

LESCO, Inc.
1385 East 36th St
Cleveland, OH 44114
T 800-347-4272

1.4. Emergency Telephone Number

Emergency Number : 1-800-424-9300

For Chemical Emergency, Spill, Leak, Fire, Exposure, or Accident, call CHEMTREC – Day or Night

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

Classification (GHS-US)

Acute Tox. 4 (Oral)	H302
Skin Irrit. 2	H315
Eye Irrit. 2A	H319
Skin Sens. 1	H317
STOT SE 3	H335
Aquatic Acute 3	H402
Aquatic Chronic 3	H412

2.2. Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US)



GHS07

Signal Word (GHS-US)

Hazard Statements (GHS-US)

Precautionary Statements (GHS-US)

: Warning
: H302 - Harmful if swallowed
: H315 - Causes skin irritation
: H317 - May cause an allergic skin reaction
: H319 - Causes serious eye irritation
: H335 - May cause respiratory irritation
: H402 - Harmful to aquatic life
: H412 - Harmful to aquatic life with long lasting effects
: P261 - Avoid breathing dust/fume/gas/mist/vapors/spray
: P264 - Wash exposed areas thoroughly after handling
: P270 - Do not eat, drink or smoke when using this product
: P271 - Use only outdoors or in a well-ventilated area
: P272 - Contaminated work clothing should not be allowed out of the workplace
: P273 - Avoid release to the environment

LESCO Stonewall® (0.20%, 0.29%, 0.37%, 0.43%, 0.68%, 2.0%) Plus Fertilizer

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

P280 - Wear protective gloves/protective clothing/eye protection/face protection
 P301+P312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
 P302+P352 - IF ON SKIN: Wash with plenty of soap and water
 P304+P340 - IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing
 P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 P312 - Call a POISON CENTER/doctor/physician if you feel unwell
 P321 - Specific treatment (see Section 4)
 P330 - If swallowed, rinse mouth
 P332+P313 - If skin irritation occurs: Get medical advice/attention
 P333+P313 - If skin irritation or rash occurs: Get medical advice/attention
 P337+P313 - If eye irritation persists: Get medical advice/attention
 P362 - Take off contaminated clothing and wash before reuse
 P362+P364 - Take off contaminated clothing and wash it before reuse
 P403+P233 - Store in a well-ventilated place. Keep container tightly closed
 P405 - Store locked up
 P501 - Dispose of contents/container according to local, state, national and international regulations.

2.3. Other Hazards

Other Hazards Not Contributing to the Classification: No additional information available

2.4. Unknown Acute Toxicity (GHS-US)

No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

Not applicable

Full text of H-phrases: see section 16

3.2. Mixture

Name	Product identifier	%	Classification (GHS-US)
Urea	(CAS No) 57-13-6	0.1 - 98	Not classified
Sulfuric acid, dipotassium salt	(CAS No) 7778-80-5	0.1 - 95	Not classified
Diammonium phosphate	(CAS No) 7783-28-0	0.1 - 95	Skin Irrit. 2, H315 Eye Irrit. 2B, H320 STOT SE 3, H335 Aquatic Acute 3, H402
Potassium chloride	(CAS No) 7447-40-7	0.1 - 95	Eye Irrit. 2B, H320
Monoammonium phosphate	(CAS No) 7722-76-1	0.1 - 95	Skin Irrit. 2, H315 Eye Irrit. 2B, H320 STOT SE 3, H335
Ammonium sulfate	(CAS No) 7783-20-2	0.1 - 95	Aquatic Acute 2, H401
Limestone	(CAS No) 1317-65-3	0.1 - 95	Not classified
Sulfur	(CAS No) 7704-34-9	0.1 - 20	Comb. Dust Skin Irrit. 2, H315 Eye Irrit. 2B, H320 Aquatic Acute 3, H402
Iron oxide (Fe2O3)	(CAS No) 1309-37-1	0.1 - 10	Not classified
Urea, polymer with formaldehyde	(CAS No) 9011-05-6	0.1 - 10	Not classified
Kaolin	(CAS No) 1332-58-7	0.1 - 10	Not classified
Magnesium sulfate	(CAS No) 7487-88-9	0.1 - 10	Skin Sens. 1, H317

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Name	Product identifier	%	Classification (GHS-US)
Ferrous sulfate	(CAS No) 7720-78-7	0.1 - 10	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1, H317 Aquatic Acute 1, H400
Manganese oxide (Mn3O4)	(CAS No) 1317-35-7	0.1 - 10	Not classified
Sulfate of Potash-Magnesia	(CAS No) 14977-37-8	0.1 - 10	Not classified
Carbonic acid, magnesium salt (1:1), mixture with magnesium hydroxide (Mg(OH)2), hydrate	(CAS No) 39409-82-0	0.1 - 10	Not classified
1,3-Benzenediamine, 2,6-dinitro-N1,N1-dipropyl-4-(trifluoromethyl)-	(CAS No) 29091-21-2	0.2 - 2	Not classified
Sodium sulfite	(CAS No) 7757-83-7	0.1 - 1	Not classified

Full text of H-phrases: see section 16

SECTION 4: FIRST AID MEASURES

4.1. Description of First Aid Measures

First-aid Measures General: If medical advice is needed, have product container or label at hand. Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). If exposed or concerned: Get medical advice/attention.

First-aid Measures After Inhalation: If inhaled, remove to fresh air and keep at rest in a position comfortable for breathing. If you feel unwell, seek medical advice.

First-aid Measures After Skin Contact: Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Wash skin thoroughly with mild soap and water. Wash contaminated clothing before reuse. Obtain medical attention if irritation develops or persists.

First-aid Measures After Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation persists.

First-aid Measures After Ingestion: Rinse mouth. If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label. Call a POISON CENTER/doctor/physician if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/Injuries: Harmful if swallowed. Eye irritation. Causes skin irritation. May cause an allergic reaction in sensitive individuals. May cause respiratory irritation.

Symptoms/Injuries After Inhalation: Irritating to the respiratory system and mucous membranes. May cause drowsiness or dizziness.

Symptoms/Injuries After Skin Contact: Causes skin irritation. May cause an allergic skin reaction.

Symptoms/Injuries After Eye Contact: Causes serious eye irritation.

Symptoms/Injuries After Ingestion: Harmful if swallowed. Swallowing a small quantity of this material will result in serious health hazard.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If medical advice is needed, have product container or label at hand.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: Alcohol foam, dry chemical, carbon dioxide, water spray, fog. Use extinguishing media appropriate for surrounding fire.

Unsuitable Extinguishing Media: Do not use water jet. Use of heavy stream of water may spread fire.

5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard: Not considered flammable but will burn at high temperatures. Decomposes above 132 °C (270 °F). Under conditions of fire this material may produce: Ammonia. Nitrogen oxides.

Explosion Hazard: May form explosive compounds if mixed with: Calcium hypochlorite. Sodium hypochlorite. Nitrates. Nitric acid. Perchloric acid. Product itself is not explosive but if dust is generated, dust clouds suspended in air can be explosive.

Reactivity: This product as shipped in the form of coarse granules should not contain sufficient dust to present an explosion hazard. Prevent dust accumulation (to minimize explosion hazard).

5.3. Advice for Firefighters

Firefighting Instructions: Not flammable. Exercise caution when fighting any chemical fire.

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Protection During Firefighting: Firefighters must use full bunker gear including NIOSH-approved positive-pressure self-contained breathing apparatus to protect against potential hazardous combustion and decomposition products.

Other information: Do not allow run-off from fire fighting to enter drains or water courses.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Handle in accordance with good industrial hygiene and safety practice. This material becomes slippery when wet. Avoid all eyes and skin contact and do not breathe vapor and mist. Do not allow product to spread into the environment.

6.1.1. For Non-emergency Personnel

Protective Equipment: Wear suitable protective clothing, gloves and eye/face protection. Use appropriate personal protection equipment (PPE).

Emergency Procedures: Collect as any solid. Ventilate area. Evacuate unnecessary personnel.

6.1.2. For Emergency Responders

Protective Equipment: Wear suitable protective clothing, gloves and eye/face protection. Equip cleanup crew with proper protection. Use appropriate personal protection equipment (PPE).

Emergency Procedures: If possible, stop flow of product. Contain and collect as any solid. Evacuate unnecessary personnel. Ventilate area.

6.2. Environmental Precautions

Avoid release to the environment. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

6.3. Methods and Material for Containment and Cleaning Up

For Containment: Contain and collect as any solid. Do not allow into drains or water courses or dispose of where ground or surface waters may be affected.

Methods for Cleaning Up: Recover the product by vacuuming, shovelling or sweeping. Avoid generation of dust during clean-up of spills. If spilled directly onto the ground, remove sufficient soil to ensure material is fully recovered. Material may be used if uncontaminated. Clear up spills immediately and dispose of waste safely.

6.4. Reference to Other Sections

See heading 8, Exposure Controls and Personal Protection.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Additional Hazards When Processed: This material becomes slippery when wet.

Precautions for Safe Handling: Handle in accordance with good industrial hygiene and safety procedures. Wear recommended personal protective equipment. Avoid creating or spreading dust. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area.

Hygiene Measures: Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure. Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work. Wash hands and forearms thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Storage Conditions: Store tightly closed in a dry, cool and well-ventilated place. Protect from moisture. Keep container closed when not in use.

Incompatible Products: Strong acids. Strong bases. Strong oxidizers.

Prohibitions on mixed storage: Store away from: Ammonium nitrate. Refer to Section 10 on Incompatible Materials.

Special Rules on Packaging: Corrosive to copper and its alloys.

7.3. Specific End Use(s)

Fertilizer.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

Limestone (1317-65-3)		
USA NIOSH	NIOSH REL (TWA) (mg/m ³)	5 mg/m ³
USA OSHA	OSHA PEL (TWA) (mg/m ³)	5 mg/m ³

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Iron oxide (Fe2O3) (1309-37-1)		
USA ACGIH	ACGIH TWA (mg/m³)	5 mg/m³
USA NIOSH	NIOSH REL (TWA) (mg/m³)	5 mg/m³
USA IDLH	US IDLH (mg/m³)	2500 mg/m³
USA OSHA	OSHA PEL (TWA) (mg/m³)	5 mg/m³
Kaolin (1332-58-7)		
USA ACGIH	ACGIH TWA (mg/m³)	2 mg/m³
USA NIOSH	NIOSH REL (TWA) (mg/m³)	5 mg/m³
USA OSHA	OSHA PEL (TWA) (mg/m³)	5 mg/m³

8.2. Exposure Controls

Appropriate Engineering Controls

: Ensure all national/local regulations are observed.

Personal Protective Equipment

: Gloves. Safety glasses. Protective clothing. Insufficient ventilation: wear respiratory protection.



Hand Protection

: protective gloves.

Eye Protection

: Chemical goggles or safety glasses.

Skin and Body Protection

: Wear suitable protective clothing.

Respiratory Protection

: If exposure limits are exceeded or irritation is experienced, NIOSH approved respiratory protection should be worn.

Other Information

: When using, do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State	: Solid
Appearance	: Granules. Multi-colored
Odor	: Bland
Odor Threshold	: No data available
pH	: No data available
pH solution	: 10 %
Relative Evaporation Rate (butylacetate=1)	: No data available
Melting Point	: 133 °C (271.4°F) Urea
Freezing Point	: No data available
Boiling Point	: No data available
Flash Point	: No data available
Auto-ignition Temperature	: No data available
Decomposition Temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor Pressure	: No data available
Relative Vapor Density at 20 °C	: No data available
Relative Density	: No data available
Density	: 56 (56 - 60) lb/ft³
Solubility	: Water: Partially soluble
Partition coefficient: n-octanol/water	: No data available
Viscosity	: No data available

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9.2. Other Information No additional information available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity: This product as shipped in the form of coarse granules should not contain sufficient dust to present an explosion hazard. Prevent dust accumulation (to minimize explosion hazard).

10.2 Chemical Stability: Stable at standard temperature and pressure.

10.3 Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

10.4 Conditions to Avoid: Protect from moisture. Keep away from heat. Direct sunlight. Extremely high or low temperatures. Sparks, heat, open flame and other sources of ignition.

10.5 Incompatible Materials: Strong oxidizers. Strong bases.

10.6 Hazardous Decomposition Products: Under conditions of fire this material may produce: Nitrogen oxides. Ammonia. Carbon oxides (CO, CO₂). Formaldehyde.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information On Toxicological Effects

Acute Toxicity: Harmful if swallowed.

LESCO Stonewall® (0.20%, 0.29%, 0.37%, 0.43%, 0.68%, 2.0%) Plus Fertilizer	
LD50 Dermal Rat	mg/kg
Sulfuric acid, dipotassium salt (7778-80-5)	
LD50 Oral Rat	6600 mg/kg
Diammonium phosphate (7783-28-0)	
LD50 Oral Rat	6500 mg/kg
LD50 Dermal Rabbit	> 7950 mg/kg
Potassium chloride (7447-40-7)	
LD50 Oral Rat	2600 mg/kg
Monoammonium phosphate (7722-76-1)	
LD50 Oral Rat	5750 mg/kg
LD50 Dermal Rabbit	> 7940 mg/kg
Ammonium sulfate (7783-20-2)	
LD50 Oral Rat	2000 mg/kg
Sulfur (7704-34-9)	
LD50 Oral Rat	> 3000 mg/kg
LD50 Dermal Rabbit	> 2000 mg/kg
LC50 Inhalation Rat (mg/l)	> 9.23 mg/l/4h
Iron oxide (Fe ₂ O ₃) (1309-37-1)	
LD50 Oral Rat	> 10000 mg/kg
Urea, polymer with formaldehyde (9011-05-6)	
LC50 Inhalation Rat (mg/l)	> 167 mg/m ³ (Exposure time: 4 h)
Sodium sulfite (7757-83-7)	
LD50 Oral Rat	3560 mg/kg
LC50 Inhalation Rat (mg/l)	> 22 mg/l (Exposure time: 1 h)
Ferrous sulfate (7720-78-7)	
LD50 Oral Rat	237 mg/kg
1,3-Benzenediamine, 2,6-dinitro-N1,N1-dipropyl-4-(trifluoromethyl)- (29091-21-2)	
LD50 Oral Rat	5050 mg/kg
LD50 Dermal Rat	5050 mg/kg
LC50 Inhalation Rat (ppm)	0.231 ppm
Urea (57-13-6)	
ATE (Oral)	8471.000 mg/kg

Skin Corrosion/Irritation: Causes skin irritation.

Serious Eye Damage/Irritation: Causes serious eye irritation.

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Respiratory or Skin Sensitization: May cause an allergic skin reaction.

Germ Cell Mutagenicity: Not classified

Carcinogenicity: Not classified

Iron oxide (Fe2O3) (1309-37-1)	
IARC group	3
Sodium sulfite (7757-83-7)	
IARC group	3

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (Single Exposure): May cause respiratory irritation.

Specific Target Organ Toxicity (Repeated Exposure): Not classified

Aspiration Hazard: Not classified

Potential Adverse Human Health Effects and Symptoms: Harmful if swallowed.

Symptoms/Injuries After Inhalation: Irritating to the respiratory system and mucous membranes. May cause drowsiness or dizziness.

Symptoms/Injuries After Skin Contact: Causes skin irritation. May cause an allergic skin reaction.

Symptoms/Injuries After Eye Contact: Causes serious eye irritation.

Symptoms/Injuries After Ingestion: Harmful if swallowed. Swallowing a small quantity of this material will result in serious health hazard.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology - General : Harmful to aquatic life with long lasting effects.

Sulfuric acid, dipotassium salt (7778-80-5)	
LC50 Fish 1	653 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus)
EC50 Daphnia 1	890 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 Other Aquatic Organisms 1	2900 mg/l (Exposure time: 72 h - Species: Desmodesmus subspicatus)
LC 50 Fish 2	3550 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
Diammonium phosphate (7783-28-0)	
LC50 Fish 1	26.5 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
LC 50 Fish 2	24.8 - 29.4 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through])
Potassium chloride (7447-40-7)	
LC50 Fish 1	1060 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
EC50 Daphnia 1	825 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 Other Aquatic Organisms 1	2500 mg/l (Exposure time: 72 h - Species: Desmodesmus subspicatus)
LC 50 Fish 2	750 - 1020 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Daphnia 2	83 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
Ammonium sulfate (7783-20-2)	
LC50 Fish 1	5.2 (5.2 - 8.2) mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
EC50 Daphnia 1	14 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC 50 Fish 2	32.2 (32.2 - 41.9) mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through])
Sulfur (7704-34-9)	
LC50 Fish 1	866 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static])
LC 50 Fish 2	14 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
Magnesium sulfate (7487-88-9)	
LC50 Fish 1	2610 - 3080 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Daphnia 1	266.4 - 417.3 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
EC50 Other Aquatic Organisms 1	2700 mg/l (Exposure time: 72 h - Species: Desmodesmus subspicatus)
Ferrous sulfate (7720-78-7)	
LC50 Fish 1	925 mg/l (Exposure time: 96 h - Species: Poecilia reticulata [static])
EC50 Daphnia 1	152 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC 50 Fish 2	0.56 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [semi-static])

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EC50 Daphnia 2	6.15 - 9.26 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
Urea (57-13-6)	
LC50 Fish 1	16200 - 18300 mg/l (Exposure time: 96 h - Species: Poecilia reticulata)
EC50 Daphnia 1	3910 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])

12.2. Persistence and Degradability

LESCO Stonewall® (0.20%, 0.29%, 0.37%, 0.43%, 0.68%, 2.0%) Plus Fertilizer	
Persistence and Degradability	May cause long-term adverse effects in the environment. This product is water soluble and eventually biodegrades into elemental nitrogen. Excess nitrogen and nitrates in a body of water will contribute to eutrophication with visible effects such as toxic algae bloom. . Not established.

12.3. Bioaccumulative Potential

LESCO Stonewall® (0.20%, 0.29%, 0.37%, 0.43%, 0.68%, 2.0%) Plus Fertilizer	
Bioaccumulative Potential	Not established.
Diammonium phosphate (7783-28-0)	
BCF fish 1	(no bioaccumulation expected)
Monoammonium phosphate (7722-76-1)	
BCF fish 1	(no bioaccumulation expected)
Ammonium sulfate (7783-20-2)	
Log Pow	-5.1 (at 25 °C)
Sodium sulfite (7757-83-7)	
Log Pow	-4 (at 25 °C)
Urea (57-13-6)	
BCF fish 1	< 10
Log Pow	-1.59 (at 25 °C)

12.4. Mobility in Soil No additional information available

12.5. Other Adverse Effects

Other Information : Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste Treatment Methods: Pesticide: Wastes resulting from the use of this product that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticide disposal or in accordance with applicable Federal, State or local procedures. Or call (1-800-CLEANUP) for disposal instructions. Never place unused product down any indoor or outdoor drain. Container: Do not reuse bag. Dispose of emptied bag(s) in a sanitary landfill approved for pesticide disposal, or by incineration.

Additional Information: Dispose of waste material in accordance with all local, regional, national, and international regulations.

Ecology – Waste Materials: This material is hazardous to the aquatic environment. Keep out of sewers and waterways.

SECTION 14: TRANSPORT INFORMATION

14.1 In Accordance with DOT Not regulated for transport

14.2 In Accordance with IMDG Not regulated for transport

14.3 In Accordance with IATA Not regulated for transport

SECTION 15: REGULATORY INFORMATION

15.1 US Federal Regulations

LESCO Stonewall® (0.20%, 0.29%, 0.37%, 0.43%, 0.68%, 2.0%) Plus Fertilizer	
EPA TSCA Regulatory Flag	This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label.
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard

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Sulfuric acid, dipotassium salt (7778-80-5)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Diammonium phosphate (7783-28-0)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Potassium chloride (7447-40-7)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Monoammonium phosphate (7722-76-1)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Ammonium sulfate (7783-20-2)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Sulfur (7704-34-9)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Limestone (1317-65-3)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Iron oxide (Fe2O3) (1309-37-1)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Urea, polymer with formaldehyde (9011-05-6)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Kaolin (1332-58-7)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Sodium sulfite (7757-83-7)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Magnesium sulfate (7487-88-9)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Ferrous sulfate (7720-78-7)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Manganese oxide (Mn3O4) (1317-35-7)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
1,3-Benzenediamine, 2,6-dinitro-N1,N1-dipropyl-4-(trifluoromethyl)- (29091-21-2)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Urea (57-13-6)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
15.2 US State Regulations
Potassium chloride (7447-40-7)
U.S. - Texas - Effects Screening Levels - Long Term
U.S. - Texas - Effects Screening Levels - Short Term
Monoammonium phosphate (7722-76-1)
U.S. - Texas - Effects Screening Levels - Long Term
U.S. - Texas - Effects Screening Levels - Short Term
Ammonium sulfate (7783-20-2)
U.S. - California - SCAQMD - Toxic Air Contaminants With Proposed Risk Values
U.S. - California - Toxic Air Contaminant List (AB 1807, AB 2728)
RTK - U.S. - Massachusetts - Right To Know List
RTK - U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List
RTK - U.S. - Pennsylvania - RTK (Right to Know) List
U.S. - Rhode Island - Air Toxics - Acceptable Ambient Levels - 1-Hour
U.S. - Rhode Island - Air Toxics - Acceptable Ambient Levels - Annual
U.S. - Texas - Effects Screening Levels - Long Term
U.S. - Texas - Effects Screening Levels - Short Term

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<p>Sulfur (7704-34-9)</p> <p>RTK - U.S. - Massachusetts - Right To Know List RTK - U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - New Mexico - Air Quality - Ambient Air Quality Standards RTK - U.S. - Pennsylvania - RTK (Right to Know) List U.S. - Texas - Effects Screening Levels - Long Term U.S. - Texas - Effects Screening Levels - Short Term</p>
<p>Limestone (1317-65-3)</p> <p>U.S. - Idaho - Occupational Exposure Limits - TWAs RTK - U.S. - Massachusetts - Right To Know List U.S. - Michigan - Occupational Exposure Limits - TWAs U.S. - Minnesota - Hazardous Substance List U.S. - Minnesota - Permissible Exposure Limits - TWAs RTK - U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Oregon - Permissible Exposure Limits - TWAs RTK - U.S. - Pennsylvania - RTK (Right to Know) List U.S. - Tennessee - Occupational Exposure Limits - TWAs U.S. - Texas - Effects Screening Levels - Long Term U.S. - Texas - Effects Screening Levels - Short Term U.S. - Vermont - Permissible Exposure Limits - TWAs U.S. - Washington - Permissible Exposure Limits - STELs U.S. - Washington - Permissible Exposure Limits - TWAs</p>
<p>Iron oxide (Fe2O3) (1309-37-1)</p> <p>U.S. - Connecticut - Hazardous Air Pollutants - HLVs (30 min) U.S. - Connecticut - Hazardous Air Pollutants - HLVs (8 hr) U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Emission Levels (ELs) U.S. - Idaho - Occupational Exposure Limits - TWAs RTK - U.S. - Massachusetts - Right To Know List U.S. - Michigan - Occupational Exposure Limits - TWAs U.S. - Minnesota - Hazardous Substance List U.S. - Minnesota - Permissible Exposure Limits - TWAs U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - 24-Hour U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - Annual RTK - U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - New York - Occupational Exposure Limits - TWAs U.S. - North Dakota - Air Pollutants - Guideline Concentrations - 8-Hour U.S. - Oregon - Permissible Exposure Limits - TWAs RTK - U.S. - Pennsylvania - RTK (Right to Know) List U.S. - Tennessee - Occupational Exposure Limits - TWAs U.S. - Texas - Effects Screening Levels - Long Term U.S. - Texas - Effects Screening Levels - Short Term U.S. - Vermont - Permissible Exposure Limits - TWAs U.S. - Washington - Permissible Exposure Limits - STELs U.S. - Washington - Permissible Exposure Limits - TWAs U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 25 Feet to Less Than 40 Feet U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 40 Feet to Less Than 75 Feet U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 75 Feet or Greater U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights Less Than 25 Feet</p>
<p>Urea, polymer with formaldehyde (9011-05-6)</p> <p>U.S. - Texas - Effects Screening Levels - Long Term U.S. - Texas - Effects Screening Levels - Short Term</p>
<p>Kaolin (1332-58-7)</p> <p>U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations</p>

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U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Emission Levels (ELs)
U.S. - Idaho - Occupational Exposure Limits - TWAs
RTK - U.S. - Massachusetts - Right To Know List
U.S. - Michigan - Occupational Exposure Limits - TWAs
U.S. - Minnesota - Hazardous Substance List
U.S. - Minnesota - Permissible Exposure Limits - TWAs
U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - 24-Hour
U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - Annual
RTK - U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - North Dakota - Air Pollutants - Guideline Concentrations - 8-Hour
U.S. - Oregon - Permissible Exposure Limits - TWAs
RTK - U.S. - Pennsylvania - RTK (Right to Know) List
U.S. - Tennessee - Occupational Exposure Limits - TWAs
U.S. - Texas - Effects Screening Levels - Long Term
U.S. - Texas - Effects Screening Levels - Short Term
U.S. - Vermont - Permissible Exposure Limits - TWAs
U.S. - Washington - Permissible Exposure Limits - STELs
U.S. - Washington - Permissible Exposure Limits - TWAs
U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 25 Feet to Less Than 40 Feet
U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 40 Feet to Less Than 75 Feet
U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 75 Feet or Greater
U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights Less Than 25 Feet

Sodium sulfite (7757-83-7)

U.S. - Texas - Effects Screening Levels - Long Term
U.S. - Texas - Effects Screening Levels - Short Term

Magnesium sulfate (7487-88-9)

U.S. - Texas - Effects Screening Levels - Long Term
U.S. - Texas - Effects Screening Levels - Short Term

Ferrous sulfate (7720-78-7)

U.S. - Delaware - Pollutant Discharge Requirements - Reportable Quantities
U.S. - Louisiana - Reportable Quantity List for Pollutants
U.S. - Massachusetts - Oil & Hazardous Material List - Groundwater Reportable Concentration - Reporting Category 1
U.S. - Massachusetts - Oil & Hazardous Material List - Groundwater Reportable Concentration - Reporting Category 2
U.S. - Massachusetts - Oil & Hazardous Material List - Reportable Quantity
U.S. - Massachusetts - Oil & Hazardous Material List - Soil Reportable Concentration - Reporting Category 1
U.S. - Massachusetts - Oil & Hazardous Material List - Soil Reportable Concentration - Reporting Category 2
RTK - U.S. - Massachusetts - Right To Know List
U.S. - Massachusetts - Toxics Use Reduction Act
U.S. - Michigan - Polluting Materials List
U.S. - New Jersey - Discharge Prevention - List of Hazardous Substances
RTK - U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - New York - Reporting of Releases Part 597 - List of Hazardous Substances
RTK - U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List
RTK - U.S. - Pennsylvania - RTK (Right to Know) List
U.S. - Texas - Effects Screening Levels - Long Term
U.S. - Texas - Effects Screening Levels - Short Term

Manganese oxide (Mn3O4) (1317-35-7)

U.S. - Connecticut - Hazardous Air Pollutants - HLVs (30 min)
U.S. - Connecticut - Hazardous Air Pollutants - HLVs (8 hr)
RTK - U.S. - Massachusetts - Right To Know List
U.S. - Michigan - Occupational Exposure Limits - TWAs
U.S. - Minnesota - Hazardous Substance List
U.S. - Minnesota - Permissible Exposure Limits - TWAs
RTK - U.S. - New Jersey - Right to Know Hazardous Substance List

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U.S. - North Carolina - Control of Toxic Air Pollutants RTK - U.S. - Pennsylvania - RTK (Right to Know) List U.S. - Tennessee - Occupational Exposure Limits - TWAs U.S. - Vermont - Permissible Exposure Limits - TWAs U.S. - Washington - Permissible Exposure Limits - STELs U.S. - Washington - Permissible Exposure Limits - TWAs

Urea (57-13-6)
U.S. - Minnesota - Hazardous Substance List
U.S. - Texas - Effects Screening Levels - Long Term
U.S. - Texas - Effects Screening Levels - Short Term

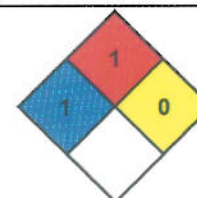
SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision date : 05/15/2014
 Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

GHS Full Text Phrases:

Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Acute Tox. Not classified (Oral)	Acute toxicity (oral) Not classified
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard Category 1
Aquatic Acute 2	Hazardous to the aquatic environment - Acute Hazard Category 2
Aquatic Acute 3	Hazardous to the aquatic environment - Acute Hazard Category 3
Aquatic Chronic 3	Hazardous to the aquatic environment - Chronic Hazard Category 3
Comb. Dust	Combustible Dust
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Eye Irrit. 2B	Serious eye damage/eye irritation Category 2B
Skin Irrit. 2	Skin corrosion/irritation Category 2
Skin Sens. 1	Skin sensitization Category 1
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
	May form combustible dust concentrations in air
H302	Harmful if swallowed
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H320	Causes eye irritation
H335	May cause respiratory irritation
H400	Very toxic to aquatic life
H401	Toxic to aquatic life
H402	Harmful to aquatic life
H412	Harmful to aquatic life with long lasting effects

NFPA Health Hazard : 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.
NFPA Fire Hazard : 1 - Must be preheated before ignition can occur.
NFPA Reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



HMIS III Rating

Health : 1 Slight Hazard - Irritation or minor reversible injury possible
Flammability : 1 Slight Hazard
Physical : 0 Minimal Hazard

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