

McHUGH'S LANDSCAPING

PO BOX 908
DELRAN, NJ 08075
(856) 461-5154
FAX- (856) 461-6135

DATE: 7/17/20

PESTICIDE NOTIFICATION

CUSTOMER: DELRAN BOE

ADDRESS: 52 HARTFORD RD. . DELRAN, NJ 08075

TREATED AREAS: ATHLETIC FIELDS AT DHS, DMS & DIS

DATE & TIME OF APPLICATION: SATURDAY, 7/25/20, 8:00 AM TO 3:00 PM
FIELDS MUST BE CLOSED.

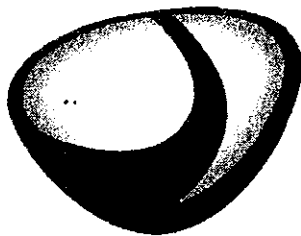
RE-ENTRY DATE & TIME: CLOSED.

MATERIALS USED: 'SOLITARE HERBICIDE'
EPA# 279-3355

'SPECTATOR FUNGICIDE'
EPA# 62719-346-10404

JAMES J. MCHUGH, (609) 352-5755
MCHUGH'S LANDSCAPING

PLEASE RETAIN FOR YOUR RECORDS.



Solitare®

HERBICIDE

For Selective Weed Control in Turf Including Residential, Commercial and Institutional Lawns, Athletic Fields, Commercial Sod Farms, Golf Courses (Fairways and Roughs), and Other Non-crop Sites

EPA Reg. No. 279-3355

EPA Est. 279-IL-1

Active Ingredients:	By Wt.
Sulfentrazone*.....	18.75%
Quinclorac*.....	56.25%
Other Ingredients:.....	25.00%
Total:	100.00%

*Solitare Herbicide contains 0.75 pounds of active ingredient per one pound of product (0.1875 pounds a.i. of Sulfentrazone and 0.5625 pounds a.i. of Quinclorac)

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

See other panels for additional precautionary information.



FMC Corporation
2929 Walnut Street
Philadelphia PA 19104

Net Contents: 1 Pound

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 do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
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 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 eye. • 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 by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
HOTLINE 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 1-800-331-3148 for emergency medical treatment information.	
For Information Regarding the Use of this Product Call 1-800-321-1FMC (1362).	

PRECAUTIONARY STATEMENTS

Hazards to Humans (and Domestic Animals)

CAUTION

Harmful if swallowed. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear: long-sleeved shirt and long pants, waterproof gloves, and shoes plus socks.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations:

Users should:

- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Environmental Hazards

This pesticide is toxic to marine/estuarine invertebrates. 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 may be hazardous to terrestrial and aquatic plants in neighboring areas. Do not contaminate water when disposing of equipment washwaters or rinsate. Groundwater advisory: The active ingredients in this product are known to leach through soil into groundwater under certain conditions as a result of label use. Use of this chemical in areas where soils are perme-

able, particularly where the water table is shallow, may result in ground-water contamination.

Do not use on coarse soils classified as sand which have less than 1% organic matter.

Surface water advisory: SOLITARE HERBICIDE can contaminate surface water through spray drift. Under some conditions, SOLITARE HERBICIDE may also have a high potential for runoff into surface water (primarily via dissolution in runoff water), for several to many months post-application. These include poorly draining or wet soils with readily visible slopes toward adjacent surface waters, frequently flooded areas, areas overlying extremely shallow groundwater, areas with in-field canals or ditches that drain to surface water, areas not separated from adjacent surface waters with vegetated filter strips, and areas overlying tile drainage systems that drain to surface waters.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Do not apply this product through any type of irrigation system.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), notification to workers, and restricted-entry interval. The requirements in this box apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- coveralls over long-sleeved shirt and long pants.
- chemical-resistant gloves made of any waterproof material.
- shoes plus socks.

Non-Agricultural Use Requirements

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Re-entry Statement: Do not allow people (other than applicator) or pets on treatment area during application. Do not enter treatment area until spray has dried.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage

Store product in original container only, away from other pesticides, fertilizer, food or feed.

Store in a cool, dry place and avoid excess heat

In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills. Call **CHEMTREC (Transportation & Spills): (800)-424-9300**

To confine spill: If liquid, dike surrounding area or absorb with sand, cat litter or commercial clay. If dry material, cover to prevent dispersal. Place damaged package in a holding container. Identify contents.

Pesticide Disposal

If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional office for guidance.

Container Handling

Metal or Plastic Containers - Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: (For containers greater than 5 gallons) Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution for 30 seconds. Stand the container on its end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. (For containers 5 gallons or less) Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Then offer for recycling if available, or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. Do not cut or weld metal containers.

Returnable/Refillable Containers - Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents into application equipment or mix tank. Fill the container about 10% full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

Turf Use Instructions

Product Information

SOLITARE HERBICIDE is a selective post-emergence herbicide which controls annual grasses, broadleaf weeds and sedges in established turf areas including, but not limited to, residential, commercial and institutional lawns, athletic fields, commercial sod farms, golf course fairways and golf course roughs.

SOLITARE HERBICIDE is formulated as a 75 WG (Water Dispersible Granule) containing 0.75 lbs of active ingredient per pound of product. SOLITARE HERBICIDE is absorbed by shoots, foliage and roots.

A post emergent application of SOLITARE HERBICIDE is improved when adequate soil moisture is present at application. Best weed control results will be obtained when no rainfall or irrigation occurs within 24 hours after application. If no rainfall or irrigation occurs within 7 days after application of SOLITARE HERBICIDE in the amount of 0.5 inches, then irrigation of at least 0.5 inches is recommended.

Mixing and Application Instructions

HANDLING INSTRUCTIONS

This product may not be mixed or loaded within 50 feet of any wells (including abandoned wells and drainage wells), sink holes, perennial or intermittent streams and rivers, and natural or impounded lakes and reservoirs. This setback does not apply to properly capped or plugged abandoned wells and does not apply to impervious pad or properly diked mixing/loading areas.

Operations that involve mixing, loading, rinsing or washing of this product into or from pesticide handling or application equipment or containers within 50 feet of any well, are prohibited unless conducted on an impervious pad constructed to withstand the weight of the heaviest load that may be positioned on or moved across the pad. Such a pad shall be designed and maintained to contain any product spills or equipment leaks, container or equipment rinse or wash water, and rainwater that may fall on the pad. Surface water shall not be allowed to either flow over or from the pad, which means the pad must be self contained. The pad shall be sloped to facilitate material removal. An unroofed pad shall be of sufficient capacity to contain at a minimum 110% of the capacity of the largest pesticide container or application equipment on the pad. A pad that is covered by a roof of sufficient size to completely exclude

precipitation from contact with the pad shall have a minimum containment capacity of 100% of the capacity of the largest pesticide container or application equipment on the pad. Containment capacities as described above shall be maintained at all times. The above specific minimum containment capacities do not apply to vehicles when delivering pesticide shipments to the mixing/loading site. States may have in effect additional requirements regarding wellhead setbacks and operational containment.

Product must be used in a manner which will prevent back siphoning in wells, spills or improper disposal of excess pesticide, spray mixtures or rinsates.

SPRAY TANK PREPARATION

It is important that spray equipment is clean and free of existing pesticide deposits before using this product. Follow the spray tank clean out procedures specified on the label of product previously applied before adding SOLITARE HERBICIDE to the tank.

SOLITARE HERBICIDE is a water dispersible granule intended for dilution with water. Mix SOLITARE HERBICIDE thoroughly and continue agitation during application. If SOLITARE HERBICIDE is left standing for extended period of time in spray tank, re-agitate to assure uniform suspension of product in spray mixture.

MIXING WITH WATER

For best results, fill spray tank with one fourth of the volume of clean water needed for the area to be treated. Start the agitation system and add SOLITARE HERBICIDE to the tank. Make sure SOLITARE HERBICIDE is thoroughly mixed before application or before adding another product to the spray tank.

USE OF SURFACTANTS

Temporary discoloration of some turf types may result from use of surfactants or adjuvants with SOLITARE HERBICIDE. High temperatures and high relative humidity may increase the risk of temporary discoloration.

TANK MIXTURES COMPATIBILITY

SOLITARE HERBICIDE has been found to be compatible with most herbicides, fungicides, insecticides and growth regulators commonly used in turf and ornamental plant management. However, when preparing a new tank mix conduct an appropriate compatibility test by mixing proportional amounts of all spray ingredients in a test vessel (jar) prior to tank mixing with other products. **Shake the mixture vigorously and allow it to stand for five to ten minutes.** Rapid precipitation of the ingredients and failure to re-suspend when shaken indicates that the mixture is incompatible and should not be applied. Provided the jar test indicates the mixture to be compatible, prepare the tank mixture as follows: Fill the tank one fourth full with water. With the agitator operating, add the recommended amounts of ingredients using the following order: dry granules first, then liquid suspensions (flowables) second. As the agitation continues and the tank is filled with water add EC products third followed by the addition of water soluble products.

Read and observe mixing instructions of all tank mix partners. Also read each product label for Directions for Use, Precautionary Statements and Restrictions and Limitations. The most restrictive labeling applies in all tank mixtures. No label dosage rate should be exceeded. Tank mixture recommendations are for use only in states where the companion products and application site are registered. In addition, certain states or geographical regions may have established dosage rate limitations. Consult your state Pesticide Control Agency for additional information regarding the maximum use rates.

Use SOLITARE HERBICIDE spray mixture immediately after mixing. Do not store the mixture.

Ground Equipment

Power sprayers: Uniform and accurate spray coverage requires proper calibration, agitation and operation of spray equipment. The use of marker dyes or foams can improve application accuracy. Boom sprayers equipped with appropriate flat fan nozzles, tips and screens are ideal for broadcast applications. Power sprayers fitted with spray wand/gun may also be used for broadcast application after careful calibration by the applicator. Power sprayers fitted with spray wand/gun are suitable for spot treatments.

Hand operated sprayers: Backpack and compression sprayers are appropriate for small turfgrass areas and spot treatments. Wands fitted with a flat fan nozzle tip should be held stationary at the proper height during application. A side to side or swinging arm motion can result in uneven coverage.

Apply this product in a sufficient volume of carrier solution to provide a uniform spray distribution. Spray volumes of 20 - 175 gallons per acre (0.5 to 4.0 gal/1,000 ft²) with spray pressures adjusted to 20 - 40 psi are appropriate. Apply the higher spray volumes for dense weed populations.

Sprayer Equipment Clean-Out

After spraying SOLITARE HERBICIDE and before using sprayer equipment for any other applications, the sprayer must be thoroughly cleaned using the following procedure:

1. Drain sprayer tank, hoses, and spray boom and thoroughly rinse the inside of the sprayer tank with clean water to remove sediment and residues. In addition, thoroughly flush sprayer hoses, boom, and nozzles with clean water.

2. Fill the tank 1/2 full with clean water, and add appropriate detergent or ammonia (follow manufacturer's directions for use). Fill the tank to capacity and operate the sprayer for 15 minutes to flush hoses, boom, and nozzles.

3. Drain the sprayer system. Rinse the tank with clean water and flush through the hoses, boom, and nozzles. Remove and clean spray tips and screens separately.

4. Properly dispose of all cleaning solution and rinsate in accordance with Federal, State and local regulations and guidelines.

Do not drain or flush equipment on or near desirable trees or plants. Do not contaminate any body of water including irrigation water that may be used on other plants.

Weed Control in Turfgrasses

Use Precautions for Turf Use

Turfgrass Safety

This product may be used on seeded, sodded or sprigged turfgrasses that are well established. First application of this product can be made following the second mowing providing the turfgrass has developed into a uniform stand with a good root system. Turfgrass injury could result from application of this product on turfgrass that is not well established or has been weakened by stresses such as unfavorable weather conditions, disease, chemical or mechanical influences.

When applied as directed under the conditions described, the following established turfgrasses are tolerant to SOLITARE HERBICIDE at 16.0 to 32.0 oz/acre (0.367 to 0.735 oz/1,000 sq. ft.).

Table 1. Tolerant grasses.

Grass Type*	Use Rate Single application		
	Lbs. ai/A	Ounces per 1000 ft ²	Ounces per acre
Cool Season Grasses			
Bluegrass, Kentucky (<i>Poa pratensis</i>)	0.750 - 1.0	0.367 - 0.478	16.0 - 20.0
Bluegrass, Rough (<i>Poa trivialis</i>)			
Rescue, tall (<i>Festuca arundinacea</i>)			
Ryegrass, perennial (<i>Lolium perenne</i>)			
Warm Season Grasses			
Bermudagrass (<i>Cynodon dactylon</i>) & hybrids	0.750 - 1.50	0.367 - 0.735	16.0 - 32.0
Buffalograss (<i>Buchloe dactyloides</i>)			
Centpedegrass (<i>Eremochloa ophiuroides</i>)			
Seashore Paspalum (<i>Paspalum vaginatum</i>)			
Zoysagrass (<i>Zoysia japonica</i>)			

*SOLITARE HERBICIDE has demonstrated tolerance on both cool and warm season turfgrasses. However, not all varieties have been evaluated. Turfgrass managers desiring to treat newly released varieties should first apply SOLITARE HERBICIDE to a small area prior to treatment of larger areas.

Treated turfgrass will recover with new growth. Discolored leaf tissue will be removed with mowing. To reduce potential for discoloration, do not apply SOLITARE HERBICIDE on turfgrass that is weakened by weather, mechanical, chemical, disease or other related stress. Maintain proper cultural practices such as adequate moisture and fertility levels to promote healthy turf growth.

Application to reseeded, overseeded or sprigged areas:

Reseeding, overseeding or sprigging of treated areas within one (1) month after application of this product could inhibit the establishment of desirable turfgrasses. Overseeding of bermudagrass with perennial ryegrass at two (2) to four (4) weeks after an application can be done if slight injury to perennial ryegrass can be tolerated.

Best results are obtained for reseeded or overseeding when mechanical or power seeding equipment (slit seeders) are used to give good seed to soil contact and proper soil cultivation, irrigation and fertilization practices are followed.

Sod Production:

This product may be applied to established sod. Allow sod to establish a good root system, a uniform stand and to fill in the exposed edges. It is recommended that sod be established for up to three (3) months before an application of SOLITARE HERBICIDE. Do not apply this product within three (3) months of harvest.

Restrictions and Other Use Precautions:

Do not apply to golf course putting greens, collars or tees.

Do not use on turfgrasses other than those listed on this label.

Do not apply to turfgrasses under stress.

Do not apply with surfactants unless previous experience has demonstrated combinations with surfactant to be physically compatible and non-injurious to the grass type in question.

Do not treat pastures, rangeland, or other areas grazed or harvested for livestock forage or hay.

Do not apply directly to landscape ornamentals or ornamental beds.

Do not allow spray drift to contact landscape ornamentals, shrubs and trees.

Temporary turfgrass discoloration has been observed when trihexaflorfen-ethyl products have been either tank-mixed or applied within 7 days of a SOLITARE HERBICIDE application. It is recommended that trihexaflorfen-ethyl applications be made 7 days prior to, or after SOLITARE HERBICIDE application to reduce risk of turfgrass discoloration.

Do not use clippings as mulch or compost around flowers, ornamentals, trees or in vegetable gardens.

POSTEMERGENCE CONTROL OF GRASS AND BROADLEAF WEEDS

When used as directed SOLITARE HERBICIDE will control or suppress the weeds listed in Table 2 when applied alone shortly after weeds have emerged. Apply SOLITARE HERBICIDE at rates from 0.750 to 1.50 lb a.i./acre (16.0 to 32.0 ozs/acre or 0.367 to 0.735 oz./1,000 sq. ft.). Do not exceed the application rate specified for the turfgrass species in Table 1.

Table 2. Weeds Controlled or Suppressed by SOLITARE HERBICIDE

Common Name	Scientific Name	Controlled	Suppressed
Bittercress	(<i>Cardamine spp.</i>)		X
Barnyardgrass	(<i>Echinochloa crusgalli</i>)	1	
Black medic	(<i>Medicago lupulina</i>)	1	
Buttercup	(<i>Ranunculus spp.</i>)		X
Carolina geranium	(<i>Geranium carolinianum</i>)	1	
Carpetweed	(<i>Mollisuga verticillata</i>)		X
Chickweed, common	(<i>Stellaria media</i>)	1	
Chickweed, mouseear	(<i>Cerastium vulgatum</i>)		X
Cinquefoil	(<i>Potentilla spp.</i>)	1	X
Clover	(<i>Trifolium spp.</i>)	1	
Crabgrass, Large and Smooth	(<i>Digitaria spp.</i>)	1	
Cudweed	(<i>Gnaphalium spp.</i>)		X
Deergrass	(<i>Panicum cladeatum</i>)	1	
Dandelion	(<i>Taraxacum officinale</i>)	1	
Dock, Curly	(<i>Rumex crispus</i>)		X
Dollar Weed	(<i>Hydrocotyle spp.</i>)	1	
Evening primrose	(<i>Oenothera biennis</i>)		X
Fiddleneck	(<i>Amsinckia spp.</i>)		X
Filaree	(<i>Erodium spp.</i>)		X
Foxtail Spp.	(<i>Setaria spp.</i>)	1	
Goldenrod	(<i>Solidago spp.</i>)	1	
Goosegrass	(<i>Eleusine indica</i>)	2	
Ground ivy	(<i>Glechoma hederacea</i>)	1	
Henbit	(<i>Lamium amplexicaule</i>)		X
Knotweed, prostrate	(<i>Polygonum aviculare</i>)		X
Kochia	(<i>Kochia scoparia</i>)	1	
Lambsquarters, common	(<i>Chenopodium album</i>)		X
Lawn burweed	(<i>Soliva pterosperma</i>)		X
Lespedeza, common	(<i>Lespedeza striata</i>)		X
London Rocket	(<i>Sisymbrium irio</i>)	1	
Mallow, common	(<i>Malva neglecta</i>)		X
Morningglory	(<i>Ipomoea spp.</i>)	1	
Nutsedge, Yellow	(<i>Cyperus esculentus</i>)	1	
Parsley pier	(<i>Alchemilla arvensis</i>)	1	
Pigweed, Redroot	(<i>Amaranthus retroflexus</i>)	1	
Pigweed, Tumble	(<i>Amaranthus albus</i>)	1	
Pineapple weed	(<i>Maticaria matricarioides</i>)		X
Plantain, broadleaf	(<i>Plantago major</i>)	1	
Plantain, buckhorn	(<i>Plantago lanceolata</i>)	1	
Puncture weed	(<i>Tribulus terrestris</i>)		X
Purslane, common	(<i>Portulaca oleracea</i>)		X
Pucley, Florida	(<i>Richardia scabra</i>)	1	
Redweed	(<i>Melochia carchonifolia</i>)		X
Signalgrass, broadleaf	(<i>Brachiaria platyphylla</i>)	1	
Smartweed, Pennsylvania	(<i>Polygonum pennsylvanicum</i>)	1	
Sorrel, Red	(<i>Rumex acetosella</i>)		X
Speedwell	(<i>Veronica spp.</i>)	1	
Spurge, (annuals)	(<i>Euphorbia spp.</i>)	1	
Spurge, prostrate	(<i>Euphorbia humistrata</i>)	1	
Spurge, spotted	(<i>Euphorbia maculata</i>)	1	
Star of Bethlehem	(<i>Ornithogalum umbellatum</i>)	1	
Stiltgrass, Japanese	(<i>Microstegium vimineum</i>)	1	
Torpedograss	(<i>Panicum repens</i> L.)		X
Velvetleaf	(<i>Abutilon theophrasti</i>)		X
Violet, wild	(<i>Viola pratensis</i>)	1	
Wild garlic	(<i>Allium vineale</i>)		X
Wild onion	(<i>Allium canadense</i>)		X
Woodsorrel, creeping	(<i>Oxalis corniculata</i>)		X
Woodsorrel, yellow	(<i>Oxalis stricta</i>)	1	

1. Weeds are suppressed at lower label rates (<16.0 oz/acre). For optimum control apply rates of at least 16.0 oz/acre in a single application. Do not exceed the application rate specified for the turf species in Table 1.

2. Solitare Herbicide controls goosegrass when applied postemergent to newly emerged weeds in the 1-4 leaf stage of development.

POSTEMERGENCE CONTROL OF ANNUAL AND PERENNIAL SEDGES

SOLITARE HERBICIDE will control or suppress sedges (Table 3) when applied at a rate of 0.750 to 1.50 lb a.i./acre (16.0 to 32.0 ozs/acre or 0.367 to 0.735 oz./1,000 sq. ft.). Apply the highest rate consistent with the rate needed for turfgrass safety in Table 1. Rates lower than 16.0 oz/acre (0.367 oz/ 1,000 sq. ft.) will generally control sedges for up to 60 days. A rate of 16.0 oz/acre (0.367 oz/1,000 sq. ft.) will provide approximately 75% control for up to 60 days. Yellow nutsedge (*Cyperus esculentus*) is the most susceptible sedge species.

Good spray coverage is needed for optimum control of sedges. Temporary discoloration of some turfgrass species may result from use of surfactant.

Table 3. Sedge species controlled or suppressed by SOLITARE HERBICIDE

Common Name	Scientific Name
Kyllinga, green	(<i>Kyllinga brevifolia</i>)
Kyllinga, false green	(<i>Kyllinga gracillima</i>)
Nutsedge, purple	(<i>Cyperus rotundus</i>)
Nutsedge, yellow	(<i>Cyperus esculentus</i>)
Sedge, globe	(<i>Cyperus globulosus</i>)
Sedge, cylindric	(<i>Cyperus retrorsus</i>)
Sedge, Surinam	(<i>Cyperus surinamensis</i>)
Sedge, Texas	(<i>Cyperus polystachyos</i>)

Conditions 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. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions beyond the control of FMC or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold FMC and Seller harmless for any claims relating to such factors.

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the Directions for Use when used in accordance with the directions under normal conditions of use. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, FMC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE, NOR ANY OTHER EXPRESS OR IMPLIED WARRANTIES WITH RESPECT TO THE SELECTION, PURCHASE, OR USE OF THIS PRODUCT. Any warranties, express or implied, having been made are inapplicable if this product has been used contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to (or beyond the control of) seller or FMC, and buyer assumes the risk of any such use.

To the extent consistent with applicable law, FMC or seller shall not be liable for any incidental, consequential or special damages resulting from the use or handling of this product. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF FMC AND SELLER 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 FMC OR SELLER, THE REPLACEMENT OF THE PRODUCT.

This Conditions of Sale and Limitation of Warranty and Liability may not be amended by any oral or written agreement.

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MATERIAL SAFETY DATA SHEET #3033

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15885 Sprague Road, Strongsville, OH 44136
EMERGENCY PHONE: LESCO: (800) 321-5325
CHEMTREC: (800) 424-9300

DATE ISSUED: 4/24/02
SUPERSEDES: New

I. PRODUCT IDENTIFICATION

PRODUCT NAME: LESCO[®] Spectator Turf and Ornamental Fungicide
Chemical Family: Triazole
Chemical Name/Synonyms: Propiconazole EC

II. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	%(by/wt.)	CAS #	PEL/TLV
Propiconazole: 1-((2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl)-methyl)-1H.2,4-triazole	41.8	60207-90-1	Not Established
Propylene Glycol	2	57-55-6	50 ppm total. 10 mg/M ³ aerosol only AIHA WEEL
Aromatic 150 (Naphthalene)	43.5	64742-94-5	10 ppm ACGIH/OSHA** 15 ppm STEL

**ACGIH classification is A4, skin. A 'skin' notation following the exposure guideline refers to the potential for dermal absorption of the material. It is intended to alert the reader that inhalation may not be the only route of exposure and that measures to minimize dermal exposures should be considered.

III. HAZARDS IDENTIFICATION

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

POTENTIAL HEALTH EFFECTS: Hazardous Chemical. Clear yellow liquid with an aromatic odor.

May cause eye irritation and/or corneal injury. May cause skin irritation. Toxic to aquatic organisms
EYE: May cause slight eye irritation and/or slight corneal injury. Vapors may irritate the eyes. For the solvent Aromatic 150, cataracts and other eye effects have been reported in humans repeatedly exposed to naphthalene vapor or dust.

SKIN: Prolonged or repeated exposure may cause skin irritation. A single prolonged exposure is not likely to result in the material being absorbed through the skin in harmful amounts. The dermal LD₅₀ has not been determined. Propiconazole did not cause allergic skin reactions when tested in guinea pigs.

INHALATION: Excessive exposure may cause irritation to upper respiratory tract (nose and throat). Signs and symptoms of excessive exposure may be central nervous system effects.

INGESTION: Single dose oral toxicity is low. Small amounts swallowed incidental to normal handling operations are not likely to cause injury; however, swallowing larger amounts may cause injury. If aspirated (liquid enters the lung), may cause lung damage or even death due to chemical pneumonia. Single dose oral LD₅₀ has not been determined.

MEDICAL CONDITIONS AGGRAVATED: Excessive exposure may cause respiratory irritation and central nervous system depression.

POTENTIAL ENVIRONMENTAL HAZARDS: Toxic to aquatic organisms.

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 the eye. Call a poison control center or doctor for treatment advice.

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

INHALATION: Remove to fresh air. If 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 treatment advice.

INGESTION: Call a poison control center or doctor immediately for treatment advice. Do not give any liquid to person. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything by mouth to an unconscious person. Single dose toxicity is low; however, swallowing larger amounts may cause injury.

NOTES TO MEDICAL DOCTOR: There is no specific antidote for this product. Induce emesis or lavage stomach, taking care to avoid aspiration of stomach contents into lungs. Give a saline laxative and supportive therapy. This product may pose an aspiration pneumonia hazards. Contains petroleum distillate.

V. FIRE FIGHTING MEASURES

Flash Point (Method Used): 151.7F/66.5C

Lower Explosion Limits: Not Determined

NFPA/HMIS Rating: Health: 1

EXTINGUISHING MEDIA: Foam

Water Fog

Auto Ignition Temperature: Not Applicable

Upper Explosion Limits: Not Determined

Fire: 2 **Reactivity:** 1

Alcohol Foam Dry Chemical

Other CO₂

EXPLOSION HAZARDS: During a fire, smoke may contain the original material in addition to unidentified toxic and/or irritating compounds. Keep containers cool by spraying with water. Contain runoff to prevent entry into water or drainage systems.

FIRE FIGHTING PROCEDURES: Use positive-pressure, self-contained breathing apparatus and full protective equipment.

HAZARDOUS COMBUSTION PRODUCTS: Not Determined

VI. ACCIDENTAL RELEASE MEASURES

RELEASE NOTES: If material is spilled, absorb small spills with non-reactive material such as sand, sawdust, Zorbball, dirt or other non-combustible absorbent material and place into containers for disposal. Wash exposed body areas thoroughly after handling. Barricade the area of large spills and report them to ChemTrec at 1-800-424-9300.

VII. HANDLING AND STORAGE

GENERAL PROCEDURES: Handling: Do not swallow. Avoid contact with eyes, skin, and clothing. Avoid breathing vapors and spray mist. Handle concentrate in ventilated area. Wash thoroughly with soap and water after handling and before eating, chewing gum, using tobacco, using toilet or smoking. **Storage:** Product should be stored in compliance with local regulations. Store in a cool, dry, well-ventilated area in the original container. Protect from excessive heat and cold. Keep away from food, feedstuffs, and water supplies.

OTHER PRECAUTIONS: Keep out of reach of children.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Provide general and/or local exhaust ventilation to control airborne levels below the exposure guidelines.

PERSONAL PROTECTION EQUIPMENT:

EYES AND FACE: Use chemical goggles. If vapor exposure causes eye discomfort, use a NIOSH approved full-face respirator.

RESPIRATORY: Atmospheric levels should be maintained below the exposure guidelines. When respiratory protection is required for certain operations, use a NIOSH approved air-purifying respirator.

GLOVES: Use gloves impervious to this material when prolonged or frequently repeated contact could occur.

PROTECTIVE CLOTHING: Applicators and all other handlers refer to product label for personal protective clothing and equipment

WORK HYGENIC PRACTICES: Wash thoroughly with soap and water after handling and before eating, chewing gum, using tobacco, using toilet or smoking.