



01-1451

Date: 07/15/2025

Submittal No: 04

Project: Fletcher ES Mod. Classroom Building
BP# 02 Building & Site Concrete
9801 Highland Knolls Dr.
Bakersfield, CA 93306

Owner: Bakersfield City School District
1300 Baker St.
Bakersfield, CA 93305

Architect: Ordiz Melby Architects, Inc.
5500 Ming Ave. Ste. 280
Bakersfield, CA 93309

Contractor: JTS Construction
P.O. Box 41765
Bakersfield, CA 93384-1765

Subcontractor: JTS Construction

Submittal: Vegetation Control

Contractor's Stamp
JTS CONSTRUCTION
BY: Omar Cabral
DATE: 7/15/2025
REVIEWED/RESUBMIT

<input checked="checked" type="checkbox"/>	REVIEWED	<input type="checkbox"/>	NOT ACCEPTABLE
<input type="checkbox"/>	REVISE AND RESUBMIT	<input type="checkbox"/>	FOR RECORD ONLY
<input type="checkbox"/>	REVIEWED AND CORRECTED		

The review of Shop Drawings and/or Submittals is only for conformance with the design concept of the Project and compliance with the information given in the contract documents. Contractor is responsible for dimension confirmation and correlation at the job site, for information that pertains solely to the fabrication processes or to techniques of construction, and for coordination of the work of all trades involved in the project. The review of these Shop Drawings and/or Submittals does not relieve the Contractor from compliance with the Contract Documents.

Ordiz-Melby Architects, Inc.

BY Muhammad M. Alhadi DATE 07/31/2025

LESCO

Treflan* 5G Herbicide

A selective, preemergence herbicide for the control of certain annual grasses and broadleaf weeds in: Container Grown Ornamentals, Landscape Ornamentals, Nursery Stock, Ground Covers, Established Flowers, Ornamental Bulbs, Non-bearing Fruit and Nut Trees and Non-bearing Vineyards, Christmas Tree Plantations, Non-cropland, Under Paved Surfaces.

Active Ingredient:

trifluralin: α,α,α -trifluoro-2,6-dinitro-N,N-dipropyl-	
p-toluidine	5.00%
Inert Ingredients:	95.00%
Total	100.00%

Contains 2 pounds active ingredient per 40 pound bag.
U.S. Patent 4,226,789.

KEEP OUT OF REACH OF CHILDREN CAUTION & PRECAUCION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

Notice: Read the entire label. Use only according to label directions. Before buying or using this product, read "WARRANTY DISCLAIMER" and "LIMITATION OF REMEDIES" elsewhere on this label.

In case of an emergency endangering health or the environment involving this product, call collect 517/636-4400.

Agricultural chemical: Do not ship or store with food, feeds, drugs or clothing.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Causes moderate eye irritation. Avoid contact with eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals.

PERSONAL PROTECTIVE EQUIPMENT (PPE):

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

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:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

FIRST AID

If in eyes: Flush eyes with plenty of water. Call a physician.

If swallowed: Call a physician or Poison Control Center. Drink on or two glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

If on skin: Wash with plenty of soap and water. Get medical attention if irritation develops.

If inhaled: Remove individual to fresh air. If breathing difficulty occurs, get medical attention. If not breathing, provide cardiopulmonary resuscitation assistance (mouth-to-mouth) and get medical attention immediately.

ENGINEERING CONTROLS

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker

Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240(d)(4-6), the handler PPE requirements may be reduced or modified as specified in the WPS.

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to freshwater, marine, and estuarine fish and aquatic invertebrates including shrimp and oyster. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply in a manner which will directly expose canals, lakes, streams, ponds, marshes or estuaries to aerial drift. Do not contaminate water when disposing of equipment washwaters.

DIRECTIONS FOR USE

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

Read all Directions for Use carefully before applying.

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 § 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) and restricted-entry interval. The requirements in this box only 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
- Chemical-resistant gloves
- Shoes plus socks

NON-AGRICULTURAL USE REQUIREMENTS

The requirements of 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.

Do not enter or allow others to enter the treated area until dusts have settled. If soil incorporation is required after the application, do not enter or allow others to enter the treated area (except those persons involved in the incorporation) until the incorporation is complete. If the incorporation is accomplished by watering-in, do not enter or allow others to enter the treated area until the surface is dry after the watering-in.

STORAGE AND DISPOSAL

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

Storage: Store in original container only. In case of leak or spill, contain material and dispose as waste.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Completely empty bag into application equipment. Then 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.

GENERAL INFORMATION

Treflan 5G herbicide is a preemergence herbicide for control of certain annual grasses and broadleaf weeds in container grown ornamentals, landscape ornamentals, nursery stock, ground covers, established flowers, ornamental bulbs, non-bearing fruit and nut trees and non-bearing vineyards, Christmas tree plantations, noncropland, and under paved surfaces. Apply Treflan 5G before or after planting but prior to germination of target weeds, or immediately after cultivation. Length of weed control will vary with weed population, potting media or soil

conditions, temperature, watering regime, and other factors. Following application, user should monitor and observe level of weed control over time to determine when additional application may be needed. Repeat applications should not be made sooner than 60 days after a previous application of Treflan 5G. Do not apply over 240 pounds per acre total of Treflan 5G within a 12 month period.

GENERAL USE PRECAUTIONS: Treflan 5G does not control established weeds. Existing weeds should be controlled by cultivation or with postemergence herbicides. Weed residues, prunings and trash should be removed or thoroughly mixed into soil prior to treatment. Soil should be in good condition and free of clods at the time of application. A single rainfall or sprinkler irrigation of 0.5 inches or more, or flood irrigation, is required to activate Treflan 5G. Optimum weed control is obtained when Treflan 5G is activated within 3 days of application. If rainfall or irrigation has not occurred within 3 days of application and tillage is possible, Treflan 5G may be activated using cultivation equipment capable of uniformly mixing the herbicide into the upper 1-2 inches of soil. Failure to activate Treflan 5G within 3 days of application may result in erratic weed control. Do not apply when wind conditions favor drift of Treflan 5G granules from the target area.

Optimum weed control will be obtained when followed by overhead irrigation or rainfall within a few hours after surface application.

Do not aerially apply.

Weeds controlled by Treflan 5G when applied at 80 lb/acre (1.8 lb/1000 sq ft)

Annual Grasses

Common Name	Scientific Name
barley, hare	<i>Hordeum leporinum</i>
barleygrass (watergrass)	<i>Echinochloa crus-galli</i>
bluegrass, annual	<i>Poa annua</i>
brome	<i>Bromus</i> spp.
cheat	<i>Bromus secalinus</i>
crabgrass	<i>Digitaria</i> spp.
cupgrass, southwestern	<i>Eriochloa gracilis</i>
fescue, rattail	<i>Vulpia myuros</i>
foxtail	<i>Setaria</i> spp.
goosegrass	<i>Eleusine indica</i>
jungerice	<i>Echinochloa colonum</i>
lovegrass	<i>Eragrostis</i> spp.
oat, wild	<i>Avena fatua</i>
panicum, fall	<i>Panicum dichotomiflorum</i>
sandbur, field	<i>Cenchrus incertus</i>
signalgrass	<i>Bracharia</i> spp.
sprangletop, Mexican	<i>Leptochloa univervia</i>
stinkgrass	<i>Eragrostis cilianensis</i>
witchgrass	<i>Panicum capillare</i>

Annual Broadleaf Weeds

Common Name	Scientific Name
chickweed, common	<i>Stellaria media</i>
goosefoot, nettleleaf	<i>Chenopodium murale</i>
knotweed, prostrate	<i>Polygonum aviculare</i>
kochia	<i>Kochia scoparia</i>
lambsquarters, common	<i>Chenopodium album</i>
nettle, stinging	<i>Urtica dioica</i>
pigweed	<i>Amaranthus</i> spp.
purslane, common	<i>Portulaca oleracea</i>
thistle, Russian	<i>Salsola iberica</i>

In addition to the weeds controlled, the following weeds will be partially controlled or suppressed at 80 lb/acre (1.8 lb/1000 sq ft).

Common Name	Scientific Name
carpetweed	<i>Mollugo verticillata</i>
johnsongrass (from seed)	<i>Sorghum halepense</i>
panicum, Texas	<i>Panicum texanum</i>
pusley, Florida	<i>Richardia scabra</i>
shattercane	<i>Sorghum bicolor</i>

APPLICATION DIRECTIONS

Apply Treflan 5G using a drop or rotary-type spreader designed to apply granular herbicides or insecticides. Calibrate application equipment prior to use according to manufacturer's directions. Check frequently to be sure equipment is working properly and distributing granules uniformly. Do not use spreaders that apply material in narrow, concentrated bands. Avoid skips or overlaps as poor weed control or plant injury may occur. More uniform application may be achieved by spreading half of the required amount of product over the area and then applying the remaining half in swaths at right angles to the first.

When using a drop-type spreader, a splash board mounted under the hopper will provide more even granule distribution

A chain fastened to the side of the spreader and allowed to drag on the soil surface can be used to mark the edge of the treated swath and help prevent skips or overlaps.

For treating smaller areas or rows of nursery stock or ornamental beds, a hand held or push-type rotary applicator such as whirlybird or cyclone unit is recommended. For hand held units, walk and turn the crank at a constant rate of speed.

A shaker-type applicator made from a small container with holes punched in the bottom is recommended for small, hard to treat areas. Carefully measure the amount of product needed to avoid over-application.

APPROVED USES

Container Grown Ornamentals, Landscape Ornamentals, Nursery Stock, Ground Covers, Established Flowers, Ornamental Bulbs, Non-bearing Fruit and Nut Trees and Non-bearing Vineyards and Christmas Tree Plantations.

Treflan 5G is recommended as a preemergence treatment for control for certain annual grasses and broadleaf weeds in container grown ornamentals, landscape ornamentals, nursery stock, ground covers, established flowers, ornamental bulbs, non-bearing fruit and nut trees and non-bearing vineyards and Christmas tree plantations. Apply Treflan 5G before and after planting but prior to germination of target weeds, or immediately after cultivation.

Refer to the "General Information" section of this label for general use precautions and information on application, application rates and weeds controlled.

Special Use Precautions

- To avoid possible injury, do not apply Treflan 5G to:
- nursery forest or Christmas tree seedling beds, cutting beds, or transplant beds
 - unrooted liners or cuttings that have been planted in pots for the first time
 - pots less than four inches wide
 - ground covers until they are established and well rooted

Do not apply Treflan 5G to newly transplanted ornamentals, nursery stock, ground covers, flowers and non-bearing fruit and nut crops and non-bearing vineyards until soil or potting media has been settled by packing and irrigation or rainfall and no cracks are present or injury may occur.

Do not make preplant applications of Treflan 5G to areas where gladioli corms less than one inch in diameter will be planted or injury may occur.

Do not apply Treflan 5G in greenhouse or other enclosed structures.

Repeat applications should not be made sooner than 60 days after a previous application of Treflan 5G. Do not apply over 240 pounds per acre total of Treflan 5G within a 12 month period.

Users who wish to use Treflan 5G on plant species not recommended on this label may determine suitability for such uses by making trial application of Treflan 5G at a recommended rate to a small number of plants. Prior to using Treflan 5G on a larger number of plants, the treated plants should be observed for signs of herbicidal injury during 30 to 60 days of normal growing conditions to determine if the treatment is non-injurious to the target plant species. **The user assumes responsibility for any plant damage or other liability resulting from the use of Treflan 5G on plant species not recommended on the label**

Treflan 5G may be used on the following established plant species when container grown or field grown:

TREES:

<u>Scientific Name</u>	<u>Common Name</u>
<i>Abies balsamea</i>	Balsam fir
<i>Abies concolor</i>	White fir
<i>Abutilon hybridum</i>	Albus-flowering Maple
	Luteus-flowering maple
	Roseus-flowering maple
	Tangerine-flowering maple
	Vesuvius red-flowering maple
<i>Acer ginnala</i>	Flame maple
<i>Acer platanoides</i>	Norway maple
<i>Acer rubrum</i>	Red maple
	Red sunset maple
<i>Acer saccharinum</i>	Silver maple
<i>Acer saccharum</i>	Sugar maple

TREES (continued):

<u>Scientific Name</u>	<u>Common Name</u>
<i>Areacastrum romanzoffianum</i>	Queen palm
<i>Betula nigra</i>	River birch
<i>Betula papyrifera</i>	Paper birch
<i>Betula pendula</i>	European white birch
<i>Brachychiton populneus</i>	Bottle tree
<i>Bucida buceras</i>	Black Olive
<i>Castanea mollissima</i>	Chinese chestnut
<i>Ceratonia siliqua</i>	Carob
<i>Cercis canadensis</i>	Redbud
<i>Chamaecyparis obtusa</i>	Filicoides-fernspray cypress
	Gracilis-slender Hinoki cypress
	Swara false cypress
<i>Chamaecyparis pisifera</i>	Squarrosa-moss cypress
	Palm
<i>Chamaedorea cataractarum</i>	Palm
<i>Chamaedorea costaricana</i>	Parlor palm
<i>Chamaedorea elegans</i>	Cloud nine dogwood
<i>Cornus florida</i>	Flowering dogwood
	Dogwood, kousa
<i>Cornus kousa</i>	Green hawthorn
<i>Crataegus viridis</i>	Carrot wood
<i>Cupaniopsis anacardioides</i>	Arizona cypress
<i>Cupressus glabra</i>	Russian Olive
<i>Elaeagnus angustifolia</i>	Redgum eucalyptus
<i>Eucalyptus camaldulensis</i>	Mealy eucalyptus
<i>Eucalyptus cinerea</i>	Silver dollar eucalyptus
	Coolibah tree
<i>Eucalyptus microtheca</i>	Red ironbark eucalyptus
<i>Eucalyptus sideroxylon</i>	Ficus
<i>Ficus benjamina</i>	Mini ficus
	White ash
<i>Fraxinus americana</i>	Shamel ash
<i>Fraxinus udhei</i>	Ginko-maidenhair tree
<i>Ginko biloba</i>	Honey locust
<i>Gleditsia triacanthos</i>	Shademaster honey locust
	Toyon
<i>Heteromeles arbutiflora</i>	Florida anise-tree
<i>Illicium floridanum</i>	Eastern red cedar
<i>Juniperus virginiana</i>	Japanese larch
<i>Larix kaempferi</i>	American sweet gum
<i>Liquidambar styraciflua</i>	Tuliptree
<i>Liriodendron tulipifera</i>	Southern magnolia
<i>Magnolia grandiflora</i>	Crabapple
<i>Malus spp.</i>	White mulberry
<i>Morus alba</i>	Banana
<i>Musa aluminata</i>	Blackgum
<i>Nyssa sylvatica</i>	Sourwood
<i>Oxydendrum arboreum</i>	Norway spruce
<i>Picea abies</i>	Pendula - weeping Norway spruce
	Repens - spreading Norway spruce
<i>Picea glauca conica</i>	Dwarf Alberta spruce
<i>Picea glauca</i>	White spruce
<i>Picea pungens</i>	Dwarf globe blue spruce
	Glauca - Colorado blue spruce
	Hoopsii - Hoop's blue spruce
	Koster - Koster blue spruce
<i>Pinus aristata</i>	Bristlecone pine
<i>Pinus canariensis</i>	Canary Island pine
<i>Pinus contorta</i>	Shore pine, beach pine
<i>Pinus eldarica</i>	Eldarica pine
<i>Pinus leucodermis</i>	Bosnian pine
<i>Pinus mugo</i>	Pumilio - shrubby swiss mountain pine
<i>Pinus nigra</i>	Austrian black pine
<i>Pinus radiata</i>	Monterey pine
<i>Pinus resinosa</i>	Red pine
<i>Pinus taeda</i>	Loblolly pine
<i>Pinus strobus</i>	White pine
<i>Pinus sylvestris</i>	Columnar Scotch pine
	Scotch pine
<i>Pinus thunbergiana</i>	Japanese black pine
<i>Platanus acerifolia</i>	London planetree
<i>Platanus occidentalis</i>	American sycamore
<i>Platanus racemose</i>	California sycamore
<i>Podocarpus spp.</i>	Podocarpus
<i>Populus deltoides</i>	Cottonwood
<i>Prosopis chilensis</i>	Chilean mesquite
<i>Prunus yedoensis</i>	Yoshino flowering cherry
<i>Pseudotsuga menziesii</i>	Douglas fir
<i>Quercus coccinea</i>	Scarlet oak

TREES (continued):

<u>Scientific Name</u>	<u>Common Name</u>
<i>Quercus ilicifolia</i>	Bear oak
<i>Quercus palustris</i>	Pin oak
<i>Quercus phellos</i>	Willow oak
<i>Quercus rubra</i>	Red oak
<i>Quercus virginiana</i>	Live oak
<i>Robinia pseudoacacia</i>	Black locust
<i>Salix spp.</i>	Willow
<i>Sequoiadendron giganteum</i>	Giant sequoia
<i>Swietenia mahogani</i>	Mahogany
<i>Tabebuia caraiba</i>	Yellow tab
<i>Taxodium distichum</i>	Bald cypress
<i>Tsuga canadensis</i>	Eastern hemlock
<i>Ulmus parvifolia</i>	Chinese elm
<i>Washingtonia robusta</i>	Mexican fan palm

ORNAMENTAL SHRUBS:

<u>Scientific Name</u>	<u>Common Name</u>
<i>Abelia grandiflora</i>	Edward Goucher abeila
	Glossy abelia
<i>Acacia abyssinica</i>	Abyssinica acacia
<i>Acacia redolens</i>	Prostrate acacia
<i>Acacia stenophylla</i>	Shoestring acacia
<i>Acalypha wilkesiana</i>	Copper leaf
<i>Acer ginnala</i>	Amur maple
<i>Acer palmatum</i>	Coral bark Japanese maple
	Dwarf Japanese maple
<i>Agave americana</i>	Century plant
<i>Astilbe chinensis</i>	False spirea
<i>Athyrium nipponimcum</i>	Japanese painted fern
<i>Baccharis pilularis</i>	Coyotebush
<i>Berberis gladwynensii</i>	William Penn barberry
<i>Berberis mentorensis</i>	Mentor barberry
<i>Berberis thunbergii</i>	Atropurea- redleaf Japanese barberry
	Aurea - golden Japanese barberry
<i>Berberis thunbergii</i>	Crimson pygmy barberry
	Rose glow barberry
<i>Bougainvillea spp.</i>	Barbara Karst
	California gold
	Pink pixie
	Scarlet O'Hara
	Temple fire
	Texas dawn
<i>Buxus microphylla japonica</i>	Japanese boxwood
<i>Buxus microphylla koreana</i>	Korean boxwood
<i>Buxus sempervirens</i>	Common boxwood
<i>Callistemon citrinus</i>	Lemon bottlebrush
<i>Callistemon viminalis</i>	Weeping bottlebrush
<i>Calluna vulgaris</i>	Spring torch Scotch heather
<i>Camellia sasanqua</i>	Sasanqua camellia
<i>Camellia japonica</i>	Japanese camellia
<i>Cassia artemisioides</i>	Feathery cassia
<i>Ceanothus spp.</i>	Wild lilac
<i>Cephalotaxus drupacae</i>	Plum yew
<i>Cerastium tomentosum</i>	Snow-in-summer
<i>Chamaecyparis obtusa spp.</i>	Kosteri cypress
	Nana - dwarf Hinoki cypress
	Tolorusa cypress
<i>Chamaecyparis pisifera</i>	Filifera thread cypress
<i>Chrysalidocarpus lutescens</i>	Areca palm
<i>Clethra alnifolia</i>	Summersweet
<i>Cleyera japonica</i>	Japanese cleyera
<i>Cornus alba</i>	Sibirica - Siberian dogwood
<i>Cornus stolonifera</i>	Baileyi red osier dogwood
	Flaviramea - yellow twig dogwood
<i>Cotinus coggygia</i>	Royal purple smoke tree
<i>Cotinus dammeri</i>	Coral beauty smoke tree
	Eichholz smoke tree
<i>Cotoneaster adpressus</i>	Praecox - earl cotoneaster
<i>Cotoneaster apiculatus</i>	Cranberry cotoneaster
<i>Cotoneaster congestus</i>	Pyreneas cotoneaster
<i>Cotoneaster dammeri</i>	Bearberry cotoneaster
<i>Cotoneaster himalayan</i>	Himalayan cotoneaster
<i>Cotoneaster horizontalis</i>	Rock cotoneaster
<i>Cotoneaster zabelii</i>	Zabel cotoneaster
<i>Cycas revoluta</i>	Sago palm
<i>Cytisus praecox</i>	Hollandia - warminster broom
<i>Cytisus scoparius</i>	Lena - Scotch broom
<i>Daphne odora</i>	Fragrant daphne
<i>Deutzia spp.</i>	Deutzia

Scientific Name	Common Name
<i>Dodonea viscosa</i>	Hopseed bush
<i>Elaeagnus pungens</i>	Fruitland silver berry
<i>Erica cinerea</i>	Purple bell heather
<i>Erica x darleyensa</i>	Mediterranean pink heather
<i>Erica vagans</i>	Cornish heather
<i>Euonymus alatus</i>	Winged euonymus
<i>Euonymus fortunei</i>	Canadale gold euonymus
	Emerald'n gold euonymus
	Sunspot euonymus
	Wintercreeper euonymus
<i>Euonymus japonica</i>	Silver king - euonymus
	Variiegated evergreen euonymus
<i>Euonymus kiautschovica</i>	Spreading euonymus
<i>Feijoa sellowiana</i>	Pineapple guava
<i>Forsythia</i> spp.	Forsythia
<i>Gardenia jasminoides</i>	August beauty gardenia
	Gardenia
	Radican gardenia
<i>Gaultheria shallon</i>	Salal/lemon leaf
<i>Geum sempervirens</i>	Carolina jessamine
<i>Genista pilosa</i>	Woodwaxen
<i>Hibiscus rosa-sinensis</i>	Ross Estey - hibiscus
<i>Hibiscus syriacus</i>	Rose of Sharon - heart
	Rose of Sharon - red bird
	Rose of Sharon - woodbridge
<i>Ilex</i> spp.	Holly
<i>Illicium anisatum</i>	Mystery gardenia
<i>Itea ilicifolia</i>	Henry Garnet holly leaf sweetspire
<i>Ixora collinea</i>	Ixora
<i>Juniperus</i> spp.	Juniper
<i>Kalmia latifolia</i>	Mountain laurel
<i>Lagerstroemia indica</i>	Crape myrtle
<i>Lantana</i> spp.	Lantana
<i>Leucothoe axillaris</i>	Coast leucothoe
<i>Leucothoe fontainesiana</i>	Drooping leucothoe
<i>Ligustrum</i> spp.	Privet
<i>Livistona chinensis</i>	Chinese fountain palm
<i>Lonicera periclymenum</i>	Flowering woodbine
	Serotina woodbine
<i>Lonicera sempervirens</i>	Trumpet honeysuckle
<i>Mahonia bealei</i>	Leather leaf mahonia
<i>Mahonia repens</i>	Creeping mahonia
<i>Myrica cerifera</i>	Wax myrtle
<i>Nandina domestica</i>	Compacta - dwarf heavenly bamboo
	Harbour dwarf - heavenly bamboo
	Heavenly bamboo
	Nana compacta - heavenly bamboo
	Woods dwarf heavenly bamboo
<i>Nerium oleander</i>	Hardy red oleander
	Oleander
	Ruby Lace oleander
<i>Osmanthus fortunei</i>	Fortunes osmanthus
<i>Philadelphus</i> spp.	Mock orange
<i>Phoenix roeloenii</i>	Pigmy date palm
<i>Photinia fraseri</i>	Fraser's photinia
<i>Pieris japonica</i>	Japanese andromeda
	Mountain fire lily-of-the-valley
	Snowdrift lily-of-the-valley
	Templebells lily-of-the-valley
	Valley rose lily-of-the-valley
<i>Pieris japonica x forestii</i>	Forest flame lily-of-the valley
<i>Pinus mugo</i>	Mugo - mugho pine
<i>Pittosporum tobira</i>	Green pittosporum
	Japanese pittosporum
	Wheeler's dwarf pittosporum
<i>Plumbago ariculata</i>	Blue cape plumbago
<i>Plumbago capensis</i>	Plumbago
<i>Podocarpus macrophyllus</i>	Yewpine
<i>Polystichum polyblepharum</i>	Tassel fern
<i>Potentilla</i> spp.	Cinquefoil
<i>Prunus caroliniana</i>	Carolina laurel cherry
<i>Prunus glandulosa</i>	Dwarf pink flowering almond
<i>Pyracantha</i> spp.	Pyracantha
<i>Raphiolepis indica</i>	Charisma - Monruce raphiolepis
	Enchantress - Moness raphiolepis
	India hawthorn

Scientific Name	Common Name
Raphiolepis indica	Springtime - Monme raphiolepis
Raphiolepis ovata	Roundleaf raphiolepis
Rhododendron spp.	Azalea/rhododendron
Rhus lancea	Africa sumac
Rosa rugosa	Ramanas rose
Rosmarinus officinalis	Rosemary
Skimmia japonica	Japanese skimmia
Skimmia revesiana	Reeve's skimmia
Spiraea bumalda	Anthony Waterer spiraea
Spiraea japonica	Dolchia spiraea Japanese alpine spiraea Shirobana spiraea
Spiraea vanhouttii	Bridal wreath
Syringa rothomangensis	Chinese lilac
Syringa vulgaris	Common lilac
Taxus cuspidata	Upright Japanese yew
Taxus media	Anglojap yew
Tecomaria capensis	Cape honeysuckle
Temstroemia gymnanthera	
Thuja occidentalis	American arborvitae Emerald arborvitae Globosa - globe arborvitae Little giant - dwarf arborvitae Nigra - dark American arborvitae Pyramidalis - pyramid arborvitae Rheingold arborvitae Techny arborvitae
Thuja orientalis	Aureus nana - dwarf golden arborvitae
Thuja orientalis	Minima glauca - dwarf arborvitae
Veitchia merrilli	Christmas palm
Viburnum spp.	Viburnum
Weigela spp.	Weigela
Xylosma congestum	Xylosma
Yucca filamentosa	Yucca
GROUND COVERS:	
Scientific Name	Common Name
<i>Achillea tomentosa</i>	Wooly yarrow
<i>Agapanthus</i> spp.	Lily-of-the-nile
<i>Ammophila breviligulata</i>	Beechgrass
<i>Arctotheca calendula</i>	Cape weed
<i>Armeria maritima</i>	Thrift
<i>Asparagus densiflorus</i>	Asparagus fern
<i>Campanula</i> spp.	Bellflower
<i>Carex</i> spp.	Variegated carex
<i>Carpobrotus edulis</i>	Largeleaf iceplant
<i>Ceratostigma plumbaginoides</i>	Dwarf plumbago
<i>Cistus</i> spp.	Rockrose
<i>Coreopsis</i> spp.	Coreopsis
<i>Coronilla vana</i>	Crown vetch
<i>Cortaderia selloana</i>	Pampas grass
<i>Cotoneaster</i> spp.	Cotoneaster
<i>Delosperma alba</i>	White iceplant
<i>Descampsia caespitosa</i>	Descampsia
<i>Drosanthemum floribundum</i>	Trailing rosea iceplant
<i>Drosanthemum hispidum</i>	Iceplant
<i>Festuca ovina glauca</i>	Blue fescue
<i>Fragaria chiloensis</i>	Strawberry, beach
<i>Ganzania</i> spp.	Ganzania
<i>Hakonechloa macroaureola</i>	Golden hakonechloa
<i>Hedera canariensis</i>	Algerian Ivy
<i>Hedera helix</i>	English Ivy
<i>Hemerocallis</i> spp.	Daylilly
<i>Herniaria glabra</i>	Rupturewort
<i>Hosta lancifolia</i>	Albo-marginata hosta
<i>Hypericum</i> spp.	Aaronsbeard St. Johnswort
<i>Jasminum nitidum</i>	Angelwing jasmine
<i>Lampranthus spectabilis</i>	Trailing iceplant
<i>Liriope gigantea</i>	White lily turf
<i>Liriope muscari</i>	Big blue lily turf Lilac beauty lily turf Majestic lily turf Silvery sunproof lily turf Variegated liriope lily turf
<i>Liriope spicata</i>	Green/creeping lily turf
<i>Miscanthus sinensis</i>	Eulalia grass
<i>Muehlenbeckia axillaris</i>	Creeping wirevine
<i>Myoporum laetum</i>	Myoporum
<i>Ophipogon japonicus</i>	Dwarf Mondo grass

Scientific Name	Common Name
<i>Ophiopogon japonicus</i>	Mondo grass
<i>Osteospermum fruticosum</i>	Trailing African daisy
<i>Pachysandra terminalis</i>	Japanese spurge
<i>Pennisetum alopecuroides</i>	Fountain grass
<i>Phalaris arundinacea picta</i>	Ribbon grass
<i>Sedum</i> spp.	Stonecrop (sedum)
<i>Teucrium chamaedrys</i>	Germander
<i>Trachelospermum asiaticum</i>	Asian jasmine
<i>Verbena</i> spp.	Verbena
<i>Veronica</i> spp.	Speedwell
<i>Vinca</i> spp.	Periwinkle

ESTABLISHED FLOWERS:

Scientific Name	Common Name
<i>Achillea</i> spp.	Yarrow
<i>Ageratum houstonianum</i>	Floss flower
<i>Alyssum</i> spp.	Alyssum
<i>Antirrhinum majus</i>	Snapdragon
<i>Arctotis</i> spp.	African daisy
<i>Artemisia stellerana</i>	Dusty miller
<i>Aster</i> spp.	Aster (perennial)
<i>Calendula officinalis</i>	Calendula
<i>Centaurea cyanus</i>	Cornflower
<i>Centaurea gymnocarpa</i>	Velvet centaurea
<i>Centaurea moschata</i>	Sweet sultan
<i>Chrysanthemum</i> spp.	Chrysanthemum
<i>Convolvulus</i> spp.	Morningglory
<i>Coreopsis</i> spp.	Coreopsis
<i>Cosmos</i> spp.	Cosmos
<i>Dahlia</i> spp.	Dahlia
<i>Dianthus</i> spp.	Dianthus
<i>Dimorphotheca</i> spp.	Marigold, cape
<i>Euphorbia marginata</i>	Snow-on-the-mountain
<i>Geum</i> spp.	Geum
<i>Gaillardia</i> spp.	Gaillardia
<i>Gladiolus</i> spp.	Gladiolus
<i>Gypsophila paniculata</i>	Baby's breath
<i>Helianthus</i> spp.	Sunflower
<i>Impatiens balsamina</i>	Balsam
<i>Impatiens</i> spp.	Impatiens
<i>Ixora</i> spp.	Ixora
<i>Lathyrus odoratus</i>	Sweet pea
<i>Limonium</i> spp.	Statice
<i>Lobelia</i> spp.	Lobelia
<i>Lobularia maritima</i>	Sweet alyssum
<i>Lupinus</i> spp.	Lupine
<i>Matthiola</i> spp.	Stock
<i>Mirabilis jalapa</i>	Four o'clock
<i>Myosotis</i> spp.	Forget-me-not
<i>Nicotiana</i> spp.	Nicotiana
<i>Papaver</i> spp.	Poppy, California
<i>Petunia hybrida</i>	Petunia
<i>Phlox</i> spp.	Phlox
<i>Portulaca grandiflora</i>	Portulaca
<i>Rosa</i> spp.	Rose
<i>Rudbeckia hirta</i>	Blackeyed susan
<i>Rudbeckia laciniata</i>	Golden glow
<i>Salvia</i> spp.	Salvia
<i>Scabiosa</i> spp.	Pincushion flower
<i>Stachys</i> spp.	Lamb's ears
<i>Stokesia laevis</i>	Stoke's aster
<i>Tagetes</i> spp.	Marigold
<i>Tropaeolum</i> spp.	Nasturtium
<i>Vinca</i> spp.	Vinca
<i>Zinnia</i> spp.	Zinnia

ORNAMENTAL BULBS:

Treflan 5G may be applied for control of susceptible annual weeds in ornamental bulbs, e.g., bulbous iris, daffodil (narcissus), hyacinth and tulip. Apply Treflan 5g to the soil surface 2 to 4 weeks after planting, but prior to the emergence of annual weeds. Treflan 5G may also be applied following bulb emergence. For fall planted bulbs, apply Treflan 5G again in later winter or early spring to weed-free soil surfaces.

Non-bearing Fruit and Nut Trees and Non-bearing Vineyards†:

Common Name	Common Name	Common Name
Almond	Fig	Orange
Apple	Filbert	Peach
Apricot	Gooseberry	Pear
Avocado	Grape, American	Pecan
Blackberry	Grape, European	Pistachio
Blueberry	Grapefruit	Plum
Boysenberry	Kiwi	Pomegranate
Cherry, sour	Lemon	Prune
Cherry, sweet	Loganberry	Raspberry
Currant	Macadamia nut	Walnut, black
Dewberry	Nectarine	Walnut, English
Elderberry	Olive	

†Non-bearing fruit and nut trees and non-bearing vineyards are defined as plants which will not bear fruit for at least one year after treatment.

CHRISTMAS TREE PLANTATIONS:

Apply Treflan 5G to established plantings of field grown Christmas tree species listed on this label. Do not apply to seedbeds or seedling transplant beds. Apply only to established plantings. Established plants are defined as those that have been transplanted into their final growing location for a sufficient period of time to allow the soil to be firmly settled around the roots from packing and rainfall or irrigation. Follow all instructions provided in the "General Information" section of this label.

NON-CROPLAND AREAS:

Treflan 5G is recommended as a preemergence herbicide for control of certain annual grasses and broadleaf weeds on industrial sites, utility substations, highway guard rails, sign posts and delineators.

Apply Treflan 5G anytime prior to germination of target weeds. Areas to be treated should be free of established weeds or existing weeds should be controlled with postemergence herbicides.

Refer to the "General Information" section prior to using this product on non-cropland.

USE UNDER PAVED SURFACES:

Site Preparation

Treflan 5G should be used only where the area to be treated has been prepared according to good construction practices. If rhizomes, stolons, tubers or other vegetative plant parts are present in the site, they should be removed by scalping with grader blade to a depth sufficient to ensure their complete removal.

Application

Applications should be made only when the final grade is established or after additions of base rock. Do not move soils following application of Treflan 5G and do not apply Treflan 5G to areas where asphalt is to be laid directly on top of soil.

Paving should follow applications of Treflan 5G as soon as possible.

Apply Treflan 5G to ensure thorough coverage of the base rock layer. Apply with any granular applicator that will apply uniformly.

Apply the following amount of Treflan 5G

Amount of Treflan 5G	
Per Acre	Per 1000 sq ft
240 – 320 lb	5.5 – 7.3 lb

WARRANTY DISCLAIMER

Dow AgroSciences warrants that this product conforms to the chemical description on the label and is reasonable fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. Dow AgroSciences MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

INHERENT RISKS OF USE

It is impossible to eliminate all risks associated with the use of this product. Plant injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as unfavorable temperature, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of Dow AgroSciences or the seller. All such risks shall be assumed by Buyer.

LIMITATION OF REMEDIES

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

- 1. Refund of the purchase price paid by buyer or user for product bought, or
- 2. Replacement of amount of product used.

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

The terms of the "Warranty Disclaimer" above and this "Limitation of Remedies" cannot be varied by any written or verbal statements or agreements. No employee or sales agent of Dow AgroSciences or the seller is authorized to vary or exceed the terms of the "Warranty Disclaimer" or this "Limitation of Remedies" in any manner.

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EPA Reg. No. 62719-98-10404

Distributed by:
LESCO, Inc.
15885 Sprague Road
Strongsville, OH 44136-1799



MATERIAL SAFETY DATA SHEET #4041

15885 Sprague Road, Strongsville, OH 44136-1799
Emergency Phone: LESCO: (800) 321-5325
CHEMTREC: (800) 424-9300

DATE ISSUED 12/07/00
SUPERSEDES 04/03/00

I. PRODUCT IDENTIFICATION

Product: LESCO TREFLAN 5G/LESCO Ornamental Preemergence Herbicide **Chemical Family:** Dinitroaniline
Chemical Name/Synonyms: Treflan, Trifluralin

II. PRODUCT INFORMATION: INGREDIENTS

Chemical Name	TLV/TWA	%(by wt.)	CAS#
alpha, alpha, alpha-Trifluoro-2, 6-dinitro-N,N-dipropyl-p-toluidine (Trifluralin)	NE	1.0 - 5.0	1582-09-8
Other ingredients, including the following: kerosene	NE ND	95.0-99.0	Not Listed 8008-20-6

III. PHYSICAL AND CHEMICAL CHARACTERISTICS

Boiling Point:	NA	Specific Gravity (water=1):	NA
Melting Point:	NA	Bulk Density (lbs./cu. ft.):	ND
Vapor Pressure (mm Hg):	NA	Evaporation Rate:	NA
Vapor Density (air = 1):	NA	Percent Volatile:	NA
Solubility in Water: Not soluble in water		Appearance and Odor: Bright yellow free-flowing granules.	
pH: (aqueous 50/50) 7.7			Aromatic odor.

IV. FIRE AND EXPLOSION HAZARD DATA

Flash Point (method Used):	NA	Auto Ignition Temperature:	NA
Lower Explosion Limits:	NA	Upper Explosion Limits:	NA
NFPA/HMIS RATING: HEALTH 2	FIRE 1	REACTIVITY 0	
Extinguishing Media: <input type="checkbox"/> Foam	<input type="checkbox"/> Alcohol Foam	<input checked="" type="checkbox"/> Dry Chemical	
<input type="checkbox"/> Water Spray	<input type="checkbox"/> Other	<input checked="" type="checkbox"/> CO ₂	

Special Fire-Fighting Procedures: Wear NIOSH approved positive pressure, self-contained breathing apparatus. Dry chemical system is preferred because uncontrolled water can spread possible contamination. Prevent run-off from entering drains, sewers or bodies of water.

Unusual Fire and Explosion Hazards: Toxic irritating gases may be formed above 160° C(320° F).

V. HEALTH HAZARDS

Primary Route(s) of Entry: Skin, eyes, inhalation, ingestion.

Signs & Symptoms of Exposure

Acute: The more commonly reported adverse effects following exposure to TREFLAN products are skin irritation and rash; nausea, vomiting, cramping, and diarrhea; eye irritation; dizziness, headache and other minor central nervous system effects; fever and/or chills; and muscle aches or weakness. Except for some reports of skin or eye irritation, it is difficult to establish a cause/effect relationship. Rare reports of liver dysfunction or hepatitis are usually in the form of inquiries as to possible relationship. There is no substantial evidence in humans that LESCO TREFLAN (trifluralin) is harmful to the liver. Other events reported are of a diverse variety and constitute singular or rare accounts. Although some may be serious, any possible association with exposure to TREFLAN is extremely remote or non-existent.

Chronic: The following effects were reported in chronic, teratogenic and reproductive toxicity studies in laboratory animals where experimental dosage levels and durations of exposure were far in excess of those likely to occur in humans. Studies were conducted at exposures as high as 80,000 times greater than the expected exposure of applicators. Chronic Toxicity - Growth retardation, reduced food consumption, reduced survival, increased liver weights and kidney toxicity. Teratology & Reproduction - Not teratogenic. No impairment of reproductive capacity. Fetotoxic only at maternally toxic doses in studies. Mutagenicity - Not mutagenic in either bacterial or mammalian cells. Carcinogenicity - NCI - Evidence of carcinogenicity (invalid study due to nitrosamine impurity). EPA Class C - possible human carcinogen (limited evidence from animal studies). Toxicological studies support noncarcinogen status. Not listed as a carcinogen or potential carcinogen by ACGIH, IARC, NTP or OSHA.

Emergency First-Aid Procedures

Eyes: Flush eyes with plenty of water and call a physician if irritation develops.

Skin: Wash all exposed areas with plenty of soap and water. Wash all contaminated clothing before reuse. Contact a physician if irritation develops.

Inhalation: Since LESCO TREFLAN 5G is a granulated formulation, it is not expected to be a hazard by the inhalation route. If breathing difficulty occurs, provide cardiopulmonary resuscitation assistance and get medical attention.

Ingestion: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

Notes to Physician: No corroborative information is available that would establish the aggravation of a medical condition by exposure to LESCO TREFLAN 5G; however, it is a reasonable assumption that highly allergic individuals would be at a somewhat greater risk for demonstrating an allergic reaction when exposed.

Toxicity Information:

Oral LD₅₀: >500 mg/kg (acute-rat) no deaths **Dermal LD₅₀:** >2000 mg/kg no deaths (acute-rabbit)

Inhalation LC₅₀: not expected to be an inhalation hazard **Eye Irritation:** Yes, rabbit

Skin Irritation: Nonirritant

Positive Teratogen or Mutagen Carcinogen(NTP): No

Potential Carcinogen (IARC or OSHA): No

VI. REACTIVITY

Stability: ☐ Stable ☒ Unstable

Conditions to Avoid: None known

Incompatibility: None known

Hazardous Decomposition Products: Will emit toxic vapors as it burns.

Hazardous Polymerization: ☒ Will not occur ☐ Will occur

VII. SPILL, LEAK, AND DISPOSAL PROCEDURES

If material is spilled: Sweep, vacuum or shovel material into a container for reuse or disposal. Do not allow product to contaminate drains, sewers, streams, ditches or bodies of water. Prevent large quantities from contacting vegetation. Keep animals away from large spills. This product is toxic to fish.

Waste Disposal Method: Dispose according to Federal EPA procedures as outlined in the Resource Conservation Recovery act (RCRA) and follow state and local guidelines. Be certain that containers are completely empty before disposal.

VIII. SPECIAL PROTECTION INFORMATION

Protective Equipment Suggested for Outdoor Application:

☒ Impervious Gloves ☐ Dust Mask ☐ Respirator (use NIOSH/MSHA approved)

☒ Impervious Boots ☒ Clean Clothing ☒ Eye Goggles / Safety Glasses

Protective Equipment Suggested for Confined Areas:

☒ Sufficient Ventilation ☐ Respirator (use NIOSH/MSHA approved)

☒ Dust Mask ☒ Splash Goggles/Safety Glasses

☒ Eyewash Station ☒ Emergency Shower ☐ Impervious Apron

IX. STORAGE AND HANDLING

Precautions: Store in a cool, dry place if possible. Separate from other pesticides, fertilizers, seed, feed, foodstuffs, and away from drains, sewers, and water sources.

Other Precautions: Keep out of reach of children. Practice good care and good safety precautions when handling this product. Avoid contact with eye, skin and clothing. Avoid breathing dust. Store in temperature below 100° F(38° C). Do not swallow. Wash thoroughly after handling.

X. FEDERAL REGULATORY INFORMATION:

SARA TITLE III; SEC. 311/312 HAZARD CATEGORIES

Y Immediate (Acute) Health

SEC 302: NA

N Delayed (Chronic) Health

SEC 304: NA

N Fire

SEC 313: NA

N Sudden Release of Pressure

CERCLA RQ: NA

N Reactivity

CAA RQ: NA

EPA Reg. No.: 62719-98-10404
9198-60-10404

HM 181 Shipping Name: Not Regulated.

NA = Not Applicable

ND = Not Determined

Preparation and distribution of this Material Safety Data Sheet done by LESCO, Inc., 15885 Sprague Road, Strongsville, OH 44136-1799, pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200).

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For further information, contact: LESCO, Inc., • 15885 Sprague Road, Strongsville, OH 44136-1799 or (800) 321-5325.

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