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(FRONT)

LEBANON
Trifluralin G-5

For Professional Use Only

961-405

A selective pre-emergence herbicide for control of broadleaf weeds and annual grasses in ornamental trees and shrubs, nursery stock, and in flower beds (including roses and gladioli).

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|--|-------|
| ACTIVE INGREDIENT: | |
| Trifluralin (a,a,a-trifluoro-2,6-dinitro-N-N-dipropyl-p-toluidine) | 5.0% |
| INERT INGREDIENTS: | 95.0% |

Keep out of Reach of Children

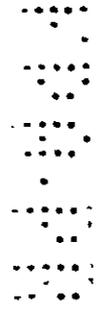
CAUTION

See back of bag for additional precautionary statements.

EPA Reg. No. 961-()

Net Wt. 30 Lbs. (13.6 Kg.)

LEBANON CHEMICAL CORPORATION
Lebanon, Pa. 17042



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(BACK)

LEBANON
Trifluralin G-5

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Keep out of reach of children and pets. Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes or clothing. In case of contact, flush with water.

Do not contaminate foodstuffs, feed or domestic water supplies.

ENVIRONMENTAL HAZARDS

did not apply directly to water.

Do not contaminate any body of water by direct application, cleaning of equipment, or disposal of wastes.

DIRECTIONS FOR USE

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

Trifluralin G-5 is a pre-emergence herbicide which provides long-lasting control of a broad range of annual grasses and broadleaf weeds by killing their seeds as they germinate. Established weeds are not controlled.

The following weeds are controlled accordingly:

| Annual Grasses | | Annual Broadleaf Weeds |
|------------------------------------|------------------|---------------------------|
| Crabgrasses | Stinkgrass | Pigweeds (spiny, redroot) |
| Barnyardgrass (watergrass) | Bromegrass | Carelessweed |
| Foxtails (including giant foxtail) | Brachiaria | Lambsquarters |
| Johnsongrass (from seed) | Sandbur | Carpetweed |
| Goosegrass | Jungle rice | Russian thistle |
| Wild Cane (shattercane) | Annual bluegrass | Kochia |
| Texas Panicum | Sprangletop | Purslane |
| | Cheat | Florida purslane (pusley) |
| | | Knotweed |
| | | Stinging nettle |
| | | Goosefoot |
| | | Chickweed |

Note: TREFLAN will not control certain resistant weeds such as Cocklebur, Velvetleaf, Jimsonweed, Ragweed, Venice mallow, and Nutgrass.

Trifluralin G-5 may be applied by two methods:

- (1) Soil incorporation, at minimum rates, requires cultivation after application, to work the granules into the soil. Rates depend upon the soil type. See directions below.

- (2) Surface application, (requiring increased rates, and with either rainfall or overhead irrigation recommended within a few hours of application. See directions below.

Application to established plants must be made when foliage is dry.

Trifluralin G-5 is recommended for use on the following ornamental trees, shrubs and flowers. Do not apply to vegetables or edible crops.

Ornamental Woody Shrubs

| Scientific Name | Common Name |
|--------------------------------|--------------------------|
| <i>Berberis mentorensis</i> | Barberry |
| <i>Berberis Thunbergii</i> | Japanese Barberry |
| <i>Buxus harlandii</i> | Harlandii Boxwood |
| <i>Buxus microphylla</i> | Boxwood |
| <i>Buxus sempervirens</i> | Common Boxwood |
| <i>Camellia japonica</i> | Camellia |
| <i>Camellia Sasanqua</i> | Sasanqua Camellia |
| <i>Clayera japonica</i> | Sakaki |
| <i>Cotoneaster apiculata</i> | Cotoneaster |
| <i>Cotoneaster Zabelii</i> | Cotoneaster |
| <i>Deutzia</i> | Deutzia |
| <i>Elaeagnus pungens</i> | Elaeagnus |
| <i>Euonymus alatus</i> | Euonymus |
| <i>Euonymus Fortunei</i> | Euonymus |
| <i>Euonymus newport</i> | Euonymus |
| <i>Feijoa Sellowiana</i> | Pineapple Guava |
| <i>Forsythia</i> | Forsythia (Golden Bells) |
| <i>Ilex crenata</i> | Japanese Holly |
| <i>Ilex hetzi</i> | Holly |
| <i>Juniperus chinensis</i> | Juniper |
| <i>Juniperus conferta</i> | Shore Juniper |
| <i>Juniperus virginiana</i> | Red Cedar |
| <i>Kalmia latifolia</i> | Mountain Laurel |
| <i>Ligustrum erectum</i> | Privet |
| <i>Ligustrum japonicum</i> | Privet |
| <i>Ligustrum odoratissimum</i> | Privet |
| <i>Ligustrum ovalifolium</i> | California Privet |
| <i>Lonicera</i> | Honeysuckle |
| <i>Philadelphus Lemoinei</i> | Mock-Orange |
| <i>Pieris japonica</i> | Fetterbush |
| <i>Pittosporum Tobira</i> | Robira |
| <i>Podocarpum macrophylla</i> | Yew Pine |
| <i>Potentilla</i> | Cinquefoil |
| <i>Prunus caroliniana</i> | American Cherry-Laurel |
| <i>Pyracantha</i> | Firethorn |
| <i>Raphiolepis indica</i> | India Hawthorn |
| <i>Rhododendron indicum</i> | Azalea |
| <i>Rhododendron obtusum</i> | Rhododendron |
| <i>Salix</i> | Willow |
| <i>Spiraea vanhouttei</i> | Spiraea |
| <i>Syringa vulgaris</i> | Common Lilac |
| <i>Taxus cuspidata</i> | Japanese Yew |
| <i>Taxus media</i> | Yew |

Ornamental Woody Shrubs

| Scientific Name | Common Name |
|-------------------------------|-----------------------|
| <i>Thuja occidentalis</i> | American Arborvitae |
| <i>Viburnum odoratissimum</i> | Sweet Viburnum |
| <i>Viburnum suspensum</i> | Sandankwa Viburnum |
| <i>Viburnum tomentosum</i> | Doublefile Viburnum |
| <i>Viburnum wrightii</i> | Viburnum |
| <i>Weigela</i> | Weigela, Bristol Ruby |

Ornamental Trees

| Scientific Name | Common Name |
|---|----------------------|
| <i>Abies balsamea</i> | Balsam Fir |
| <i>Acer platanoides</i> | Norway Maple |
| <i>Acer rubrum</i> | Red Maple |
| <i>Acer saccharinum</i> | Silver Maple |
| <i>Acer saccharum</i> | Sugar Maple |
| <i>Betula pendula</i> var. <i>laciniata</i> | European White Birch |
| <i>Castanea mollissima</i> | Chinese Chestnut |
| <i>Cercis canadensis</i> | Redbud |
| <i>Cornus florida</i> | Flowering Dogwood |
| <i>Cornus Kousa</i> | Kousa Dogwood |
| <i>Fraxinus americana</i> | White Ash |
| <i>Gleditsia triacanthos</i> | Honey Locust |
| <i>Juglans nigra</i> | Black Walnut |
| <i>Larix leptolepis</i> | Japanese Larch |
| <i>Liquidambar styraciflua</i> | Sweetgum |
| <i>Liriodendron tulipifera</i> | Tuliptree |
| <i>Malus</i> sp. | Apple |
| <i>Nyssa sylvatica</i> | Black Gum |
| <i>Picea Abies</i> | Norway Spruce |
| <i>Picea glauca</i> | White Spruce |
| <i>Picea pungens</i> | Colorado Blue Spruce |
| <i>Pinus Nigra</i> | Austrian Pine |
| <i>Pinus resinosa</i> | Red Pine |
| <i>Pinus Strobus</i> | White Pine |
| <i>Pinus sylvestris</i> | Scotch Pine |
| <i>Pinus taeda</i> | Loblolly Pine |
| <i>Pinus Thunbergii</i> | Japanese Black Pine |
| <i>Platanus acerifolia</i> | London Plane-Tree |
| <i>Platanus occidentalis</i> | Sycamore |
| <i>Populus deltoides</i> | Cottonwood |
| <i>Prunus</i> sp. | Stone-Fruits |
| <i>Pseudotsuga taxifolia</i> | Douglas Fir |
| <i>Quercus coccinea</i> | Scarlet Oak |
| <i>Quercus palustris</i> | Pin Oak |
| <i>Quercus rubra</i> | Red Oak |
| <i>Robinia pseudoacacia</i> | Black Locust |
| <i>Taxodium distichum</i> | Bald Cypress |
| <i>Tsuga canadensis</i> | Canada Hemlock |

Roses and Other Established Flowers

| | |
|------------------|----------------------|
| Achillea | Lupinus |
| Ageratum | Marigold |
| Arctotis | Morning Glory |
| Aster | Nasturtium |
| Balsam | Nicotiana |
| Calendula | Periwinkle |
| California Poppy | Petunia |
| Calliopsis | Phlox |
| Carnation | Portulaca |
| Centaurea | Rudbeckia |
| Chrysanthemums | Salvia |
| Cosmos | Scabiosa |
| Dahlia | Shasta Daisy |
| Dianthus | Snapdragon |
| Dimorthea | Stock |
| Forget-me-not | Snow on the mountain |
| Four O'Clocks | Sunflower |
| Gaillardia | Sweet Alyssum |
| Gladiolus | Sweet pea |
| Ixora | Sweet William |
| Lobelia | Zinnia |

Application Directions

Read all label directions carefully before applying.

Trifluralin G-5 may be applied with a drop-type or rotary-type spreader. Calibrate the equipment to deliver the required amount, and check frequently to be certain the equipment is distributing the granules uniformly. Uneven distribution will allow erratic weed control. In small areas, or when applying around established plants, a small can with holes punched in the bottom may be an excellent application device.

For surface application, Trifluralin G-5 may be applied around established plants or on ornamental beds. Prepare soil first to break up all lumps and present a smooth surface; remove all existing weeds prior to application.

Rate: Apply Trifluralin G-5 at the rate of 80 lbs./acre, or about 3 ounces per 100 sq. ft. Illustration at right shows approximate distribution for this rate.



If rain does not occur within several hours of application, overhead irrigation or watering is recommended for best weed control.

For soil incorporation, apply Trifluralin G-5 to the cultivated, smooth soil surface, first having removed all visible weeds. No later than 1/2 hours after application, work the granules several inches into the soil. Soil should be dry enough to prevent clumping.

Rate: Apply according to soil characteristics as follows:

| SOIL TYPE: | Sandy or Sandy Loam | Loam, Silt or Silty Loam | Clay loam, Clay or Silty Clay |
|------------|------------------------|-----------------------------|----------------------------------|
| RATE: | 10 lbs/Acre | 15 lbs/Acre | 20 lbs/Acre |

Application may be made prior to planting new nursery stock liners, ornamental trees, woody shrubs, and gladioli; tender gladioli corms under one inch in diameter may be injured by pre-plant applications. Application may also be made to established plantings.

Do not use on muck soils. Do not apply to established plants when foliage is wet.

Trifluralin G-5 must be uniformly applied, without skips or misses, throughout the area to be controlled, including the immediate proximity of established plants.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage, disposal or cleaning of equipment. Do not reuse empty container. Dispose of bags according to approved Federal, state or local procedures under the Resource Conservation and Recovery Act.

WARRANTY

Lebanon Chemical Corporation, the manufacturer, warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

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