

# SPRAKIL S-5

## BRUSH CONTROL GRANULES

### ACTIVE INGREDIENTS:

Tebuthiuron N-(5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl)-N,N-dimethylurea

5.0%

### INERT INGREDIENTS:

95.0%

Total:

100.0%

### NON-CROP WEED CONTROL INDUSTRIAL USE ONLY

Sprakil S-5 is intended for total vegetation control. It is an extremely active herbicide which will kill trees, shrubs and other forms of desirable vegetation having roots extending into the treated area. Feeder roots of many species of desirable vegetation extend many feet beyond the drip line of the branches, and a very small amount of Sprakil S-5 in contact with one feeder root of a tree, shrub or other desirable vegetation may cause serious injury or death to the entire plant.

An arboriculturist (tree expert) should be consulted to help you to determine if the area of proposed application is free of all roots of desirable vegetation. The effect of Sprakil S-5 on desirable vegetation may be irreversible and its presence in the soil may prevent growth of other desirable vegetation for some years after application. Read the entire label before using Sprakil S-5 to determine if this product is suitable for the desired purpose.

Do not use Sprakil S-5 on areas such as walks, driveways, streets, lawns, patios, tennis courts, swimming pools, cemeteries or other landscaped areas, or under asphalt or concrete pavement where future landscaping is planned. Do not apply on or near bird crops. Do not apply on any area into which the roots of desirable vegetation may extend. Do not apply in locations where the chemical may be washed by runoff or sheet erosion in contact with roots of desirable vegetation, as severe injury or death may occur. Roots of trees, shrubs and other desirable vegetation may extend far beyond the drip line of the plants' branches.

Discharge Usage: Do not apply Sprakil S-5 to any portion of the ditchbank that will come into direct contact with water, as movement of Sprakil S-5 in this water to non-target plant species may result in the injury or death of those plants. Do not apply on clothes, used for contact irrigation or contact with skin, or in contact with other pesticides and solvents.

Thoroughly clean all traces of Sprakil S-5 from application equipment after use. Do not empty residues cleaned from application equipment on areas where they may come in contact with the roots of desirable vegetation or the other species of plants or vegetation.

### KEEP OUT OF REACH OF CHILDREN CAUTION!

#### STATEMENT OF PRACTICAL TREATMENT

IF APPLIED: Flush with plenty of water over medical attention and other persons.

IF ON SKIN: Wash thoroughly. If sprayed on skin, flush with water and remove clothing.

SEE ADDITIONAL PRECAUTIONARY STATEMENTS.

MANUFACTURED BY:

SSI MOBILE CO., INC.  
P.O. Box 1000, Houston, TX 77250

NET WEIGHT

40 LBS.

EPA REGISTRATION NO. 100-10000  
EPA ESTABLISHED NO. 100-10000

Herbaceous Perennials (nonwoody plants): Do not allow domestic livestock to graze in treated areas. Do not cut forage from treated areas for feeding livestock. Sprakil S-5 may injure or suppress certain herbaceous vegetation in the treated area. Therefore, do not apply where such injury cannot be tolerated. Injury to most herbaceous perennials is reduced if Sprakil S-5 is applied when this vegetation is dormant.

### STORAGE AND DISPOSAL

#### STORAGE:

To maximize the shelf life of this product, store in dry area where the container is not likely to come in contact with moisture. Do not store near fertilizers, seeds, insecticides or fungicides.

#### DISPOSAL:

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

Wastes resulting from this product may be disposed of on site or at an approved waste disposal facility.

(In Plastic Buckets): Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

(In Bag): Completely empty bag into application equipment. Then dispose of bag in a sanitary landfill or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

### PRECAUTIONARY STATEMENTS

#### COMMENTS

in EPA Letter Dated

6/29/96

[See attached replacement]

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.

### CONDITIONS OF SALE

The seller warrants that this product contains all the ingredients listed on the label and that the label is true and correct. The seller also warrants that the product is free from adulteration and that it is suitable for the use intended. The seller also warrants that the product is free from contamination by any other substance. The seller also warrants that the product is free from any other substance that may be harmful to the user or the environment. The seller also warrants that the product is free from any other substance that may be harmful to the user or the environment.

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# READ ALL DIRECTIONS CAREFULLY BEFORE APPLYING

Sprakl S-5 Granules is a non-selective herbicide for controlling a wide range of annual and perennial weeds and grasses and woody plants. It is recommended only for non-cropland areas such as, AIRPORT RUNWAYS, UTILITY SUBSTATIONS AND RIGHTS-OF-WAY, TANK FARMS, RAILWAY ROADBEDS AND BALLAST, RAILROAD RIGHTS-OF-WAY, ROAD SHOULDERS WHERE NO VEGETATION IS DESIRED; AT THE BASE OF HIGHWAY GUARDRAILS; SIGNPOSTS AND MARKERS AT THE BASE OF TRANSMISSION TOWERS AND POLES; AROUND INDUSTRIAL BUILDINGS; LUMBERYARDS; RAILROAD YARDS; DITCHBANKS; FIREBREAKS; AND FENCE ROWS for control of most annual and perennial grasses and broadleaved weeds. Effects are slow to appear and will not become apparent until the chemical has been carried into the root zone of the weeds by moisture. Control will last for an extended period. The duration of nonproductivity is dependent upon type of soil, amount of rain, and other conditions. Users should consult state agricultural experimental stations or extension service weed specialists for recommendations as to use in their particular area.

How to apply: Use a mechanical spreader or other device which will spread the required amount evenly over the area to be treated. It may be applied when top growth is dense, but better control will be obtained when weeds are short or when excess growth is mowed and removed before applying.

When to apply: Best results will be obtained if applied shortly before or at the time plant growth begins. Rains or thorough watering after application will cause the material to move to the root zone and thus speed up control. Do not use when ground is frozen.

## WOODY PLANT CONTROL

Apply Sprakl S-5 uniformly to the woody plant infested area or by individual plant treatment. Application can be made anytime during the year except when the ground is frozen. Effects are slow to appear and will not become apparent until sufficient moisture has carried the Sprakl S-5 into the root zone of the target species. The time required to achieve control is dependent on soil type, amount of rainfall and depth of species rooting. Some species may go through several defoliations and re-foliations over a period of approximately two or three years prior to dying.

## INDIVIDUAL (SPOT) WOODY PLANT APPLICATION

Apply Sprakl S-5 by hand tossing 2 ounces of the granules around the base of the unwanted individual woody stem. Wear protective gloves when applying granules by hand. Repeat this process for each unwanted woody plant in the area. Caution: Do not use Sprakl S-5 in this manner in any area where desirable species are in the vicinity of the plants to be eliminated. A small amount of Sprakl S-5 in contact with the roots of such plants may extend far beyond their drip lines. Sprakl S-5 will injure or control other herbaceous vegetation in the treated area. Therefore, do not apply where such injury cannot be tolerated.

## BROADCAST APPLICATION

Apply Sprakl S-5 using a mechanical spreader or other device calibrated to deliver the recommended amount of material over the area to be treated.

### WOODY PLANT CONTROL - APPLICATION RATES

Sprakl S-5 applied at the rate of 40 pounds per acre will control the following species:

|                                      |                                |                                |
|--------------------------------------|--------------------------------|--------------------------------|
| Ailanthus altissima (Tree-of-heaven) | Lonicera xylosteum (Tuliptree) | Quercus nigra (Water oak)      |
| Aloysia hirsuta (Whitebush)          | Nyssa sylvatica (Black gum)    | Ulmus americana (American elm) |
| Artemisia vulgaris (Mugwort)         |                                |                                |

Sprakl S-5 applied at the rate of 60 pounds per acre will control the following species:

|                                     |  |                          |
|-------------------------------------|--|--------------------------|
| Carya terana (Black hickory)        | Quercus stellata (Post oak)            | Ulmus alata (Winged elm) |
| Quercus marilandica (Blackjack Oak) | Symphoricarpos orbiculatus (Buckbrush) |                          |

Sprakl S-5 applied at the rate of 80 pounds per acre will control the following species:

|                                    |   |   |
|------------------------------------|---|---|
| Acacia berlandieri (Guajillo)      | Celtis occidentalis (Western hickberry) | Ficus copallina (Shining sumac)             |
| Aster rigida (Blackbrush acacia)   | Celtis pallida (Grasshopper)            | Rosa multiflora (Multiflora Rose)           |
| Acer negundo (Boxelder)            | Larrea tridentata (Cholla)              | Rubus allegheniensis (Allegheny blackberry) |
| Campsis radicans (Trumpet creeper) | Myrica carterii (Western wax myrtle)    |   |

Sprakl S-5 applied at the rate of 100 pounds per acre will control the following species:

|                                    |   |                                      |
|------------------------------------|---|--------------------------------------|
| Aster multiflorus (Flagleaf maple) | Juniperus virginiana (Eastern redcedar) | Psuedotsuga menziesii (Douglas fir)  |
| Aster multiflorus (Flagleaf maple) | Pinus strobus (White pine)              | Quercus alba (White oak)             |
| Cornus florida (Flowering dogwood) | Pinus virginiana (Virginia pine)        | Rubus laciniatus (Blackberry)        |
| Fraxinus pennsylvanica (White ash) | Pinus strobus (White pine)              | Rubus occidentalis (Black raspberry) |

Sprakl S-5 applied at the rate of 120 pounds per acre will control the following species:

|                                    |                                    |                                |
|------------------------------------|------------------------------------|--------------------------------|
| Aster multiflorus (Flagleaf maple) | Liquidambar styraciflua (Sweetgum) | Saxifraga (Saxifrage)          |
| Aster multiflorus (Flagleaf maple) | Pinus strobus (White pine)         | Simulium (Simulium)            |
| Cornus florida (Flowering dogwood) | Pinus strobus (White pine)         | Ulmus americana (American elm) |
| Fraxinus pennsylvanica (White ash) | Pinus strobus (White pine)         | Ulmus americana (American elm) |



SSI MOBLEY CO., INC.  
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## HAZARD TO HUMANS & DOMESTIC ANIMALS

### CAUTION

May cause irritation of eyes, nose, throat and skin. Avoid breathing dust. Avoid contact with skin, eyes, or clothing. Wash thoroughly after handling.

Applicators and other handlers must wear:

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

### ENVIRONMENTAL HAZARD

In case of spills, collect, cover or incorporate granules/pellets spilled on the soil surfaces to prevent contamination to water. Do not apply to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters or rinsate.

### GROUND WATER ADVISORY

This chemical is known to leach through soil into ground water under certain conditions as a result of registered (rangeland and non-crop) uses. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground water contamination.

A shallow water table is defined as depth to water table of 30 feet or less. Permeable soils include, but are not limited to, sandy soils.

### DIRECTIONS FOR USE:

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING

For vegetation control by broadcast (aerial and ground equipment) and banded applications. The maximum label rate and frequency of application is 1-2 lbs. ai/acre once every three years for vulnerable areas (where soils are sandy and depth to water table is shallow). For all other areas, may be applied one time in a 3 year period at rates up to 4 lbs. ai/acre, however, no more than 6 lbs. ai/acre may be applied in two consecutive treatments in any 6 year period.

Spot treatments (hand-held equipment). May be applied at rates up to the equivalency of 6 lbs. ai/acre when needed.

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**Ground Water Advisory:** This product is known to leach through soil into ground water under certain conditions as a result of registered (rangeland and non-crop) uses. Use of this product in areas where soils have rapid to very rapid permeability, particularly where the water table is shallow, may result in ground water contamination.

**Use Restrictions for Groundwater Protection**

**Vulnerable Sites:** To minimize any movement of tebuthiuron to subsurface water, do not exceed the application rates specified below on treatment sites where soils have a sand or loamy sand texture throughout the soil profile and all of the following characteristics:

1. Rapid to very rapid permeability.
2. Absence of well-defined organic layers or a textural B-horizon (restricting layer of fine-textured soil).
3. The water table of an underlying aquifer is shallow.

An aquifer is defined as "an underground saturated, permeable, geologic formation capable of producing significant quantities of water to a well or spring". It is the ability of the saturated zone, or portion of that zone, to yield water which makes it an aquifer (American Chemical Society, 1983). Local agricultural agencies can provide further information on the type of soil in your area and the location of shallow ground water aquifers.

Do not apply Sprakil S-5 in areas where the water table is predominately shallow (5 feet or less), such as marshy or sub irrigated areas, or areas immediately adjacent to streams or lakes which are periodically flooded, unless such use is allowed under a state-approved pesticide management program. Note: Also on such areas, woody plants rooted directly in a shallow water table are minimally affected by applications of tebuthiuron and poor woody plant control will result.

Do not apply Sprakil S-5 within areas identified by state or local authorities as protected groundwater recharge zones.