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.
Deeper 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 severe injury or death to the
entire plant.

An arboricultural (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 vegeta-
tion may be irreversible, and its presence in the soil may prevent
growth or other desirable vegetation for some years after applica-
tion. 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 walkways, driveways, streets,
lawns, patios, tennis courts, swimming pools, terraces, or other
landscaped areas, or under asphalt or concrete pavement where
future landscaping is planned. Do not apply on or near field crops.
Do not apply on any area into which the roots of desirable vegeta-
tion extend. Do not apply in locations where the chemical may be
transferred to a stream or sheet erosion in contact with roots of desir-
able 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 plant’s branch.

Bitchbank Usage: Do not apply Sprakil S-5 to any portion of the
ditchbank that will come into direct contact with water as move-
ment 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 ditch
used to transport irrigation or potable water. Keep from contact with
other pesticides and seeds.

Thoroughly clean all containers of Sprakil S-5 from application
equipment after use. Do not empty residues cleaned from applica-
tion equipment on areas where they may come in contact with the roots
of desirable vegetation or the water source for such vegetation.

Herbaceous Perennials (nonwoody plants): Do not cut foliage
from treated areas for feeding livestock. Sprakil S-5 may injure or
suppress certain herbaceous vegetation in the treated area. Do not
apply where such injury cannot be tolerated. If no herbicidal
preservatives is reduced it Sprakil S-5 is applied when this vege-
tation is dormant.

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.

PESTICIDE DISPOSAL: Wash residue resulting from the use of this
product may be disposed of on site or at an approved waste
disposal facility.

CONTAINER DISPOSAL: Triple rinse or equivalent. Then offer
for recycling or disposal in a sanitary landfill, or by incineration,
or if allowed by state and local authorities, by burning. If burned,
stay out of smoke.

CONDITIONS OF SALE
1. Seller warrants that this product consists of the ingredients
specified in the label and is reasonably fit for use as directed on the label.
No other than the officer of Seller is authorized to make any
warranty, guarantee, or condition concerning this product. 2. Because the
time, place, rate of application, and other conditions for use are
beyond the Seller’s control, to the extent consistent with applicable
law the Seller’s liability from handling, storage, and use of this
product is limited to replacement of product or refund of the
purchase price.

ACTIVE INGREDIENTS:
Tabuthion-N-(5-(1,1-dimethylthieryl)-1, 3, 4-thiadiazol-2-yl)-N,N,
Dimethylether ................................................................. 5.0%
OTHER INGREDIENTS: ................................................................ 95.0%
Total: .................................................................................. 100.0%

KEEP OUT OF REACH OF CHILDREN
CAUTION!

FIRST AID

IF IN 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 eye.
                   • Call a poison control center or doctor for treatment advice.

IF ON SKIN OR CLOTHING:

• 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 SWALLOWED:

• 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 a poison control center or doctor.
• Do not give anything by mouth to an unconscious person.

For emergency information, call CHEMTREC at 1-800-242-9302 (24 hours).

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

ENVIRONMENTAL HAZARD
In case of spills, collect, cover, or incorporate granules/powder
spilled on the soil surface to prevent contamination to water. Do
not apply to water, or to areas where surface water is present, or to
intertidal areas, or coastal marshlands. Do not contam-
inate water when disposing of equipment washwaters or rinse.

GROUND WATER ADVISORY
This product is known to leach through soil into ground water under certain conditions as a result of regular (tropical and
non-crop) use. 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 Ground Water Protection
Vulnerable Zones: To minimize any movement of labuthion to sub-
terrestrial 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 stability of the saturated zone, or
portion of that zone, to yield water which makes it an aquifer
(American Chemical Society, 1999). Local agricultural agencies
can provide more 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 predomi-
nantly shallow (5 feet or less), such as marshy or submerged
areas, or areas immediately adjacent to streams or lakes which
are periodically flooded, unless such use is allowed under state
registered pesticide programs. Note: Also on such areas, woody
plants rooted directly in a shallow water table are minimally affected
by applications of labuthion, and poor woody plant control will result.

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

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 (ground) equipment and banded
applications: if this treated area is to be used for growing, do not
apply more than 80 lbs. (4 lbs. A1) per acre of asphalt, and do not apply
more than 52 lbs. of labuthion per acre of this product to "hard to
reach" band or individual plant treatments of 80 lbs. of asphalt A1
per acre of this product. The maximum total rate and frequency of
application is 80 lbs. (4 lbs. A1) Sprakil S-5 per acre once every
three years for all of those treatments (where soils are sandy to depth of
water table is shallow.) For all other areas, Sprakil S-5 may be
applied at a rate of up to 80 lbs. A1 per acre when applied in two
consecutive treatments in any 2 year period.

Spot treatments (hand-held equipment): Sprakil S-5 may be applied at
rates up to the equivelancy of 120 lbs. (6 lbs. A1) when

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P.O. Box 1954 • Kilgore, TX 75663 • (800) 346-4781

EPA REG. NO. 34913-10
EPA EST. NO. 39578-TX-1

R490

PRECAUTIONARY STATEMENTS
HAZARD TO HUMANS & DOMESTIC ANIMALS
CAUTION
Causes moderate eye irritation. Harmful if absorbed through skin or
swallowed with eyes, skin or clothing. Prone to frequency repeated skin contact may cause allergic reaction in some
individuals.

PERSONAL PROTECTIVE EQUIPMENT (PPE)
Applicators and others handle must wear:
• Long sleeved shirt and long pants
• Shoes plus socks
• Chemical resistant gloves made of any waterproof material

HUSBOLD LONGVIEW 8455AB-02
**Sprakil S-5**

- **BRUSH CONTROL GRANULES**
- **DIRECTIONS FOR USE**
  - READ ALL DIRECTIONS CAREFULLY BEFORE APPLYING

Sprakil S-5 Granules is a non-selective herbicide for controlling a wide range of annual and perennial weeds and grasses and broadleafed weeds and woody plants. It is recommended only for non-crop

land areas such as, AIRPORT RUNWAYS, UTILITY SUBSTATIONS AND RIGHTS-OF-WAY; TANK FARMS; RAILWAY ROADBEDS AND BALLAST; RAILROAD RIGHTS-OF-WAY; ROAD SHOULDER DERS WHERE NO VEGETATION IS DESIRED; AT THE BASE OF HIGHWAY GUARDRAILS; SIGN-POSTS AND MARKERS AT THE BASE OF TRANSMISSION TOWERS AND POLES; AROUND INDUSTRIAL BUILDINGS; LUMBERYARDS; RAILROAD YARDS; DITCHBANKS; FIREBREAKS; AND FENCE ROWS INCLUDING GRAZED AREAS ON THESE SITES. 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 Sprakil 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 passed the Sprakil 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 refoliations over a period of approximately two or three years prior to dying.

**Individual (Spot) Woody Plant Application**

Apply Sprakil 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 Sprakil S-5 in this manner in any area where desirable species are in the vicinity of the plants to be eliminated. Sprakil S-5 will injure or control other herbaceous vegetation in the treated area. Do not apply where such injury cannot be tolerated.

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**Broadcast Application**

Apply Sprakil 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**

**Sprakil S-5 applied at the rate of 40 pounds per acre will control the following species:**
- Alnus alnobetula (Tree of heaven)
- Abaca fria (Whitebrush)
- Arctostaphylos uva-urtica (Mugwort)
- Ledum groenlandicum (Tolltwine)
- Nyssa sylvatica (Black gum)
- Quercus nigra (Water oak)
- Ulmus americana (American elm)

**Sprakil S-5 applied at the rate of 60 pounds per acre will control the following species:**
- Carya bitx (Black hickory)
- Quercus marilandica (Blackjack Oak)
- Quercus stellata (Post oak)
- Symphoricarpus orbiculatus (Blackbrush)
- Ulmus alata (White elm)

**Sprakil S-5 applied at the rate of 80 pounds per acre will control the following species:**
- Arctostaphylos uva-urtica (Mugwort)
- Carya bitx (Black hickory)
- Celtis occidentalis (Western hackberry)
- Larix tricolor (Eastern larch)
- Myrica niphos (Southern waxmyrtle)
- Rhizophora mangle (Red mangrove)
- Roscoea multiformis (Malston rose)
- Rubus alleghenyensis (Allegheny blackberry)

**Sprakil S-5 applied at the rate of 100 pounds per acre will control the following species:**
- Acer macrophyllum (Bigleaf maple)
- Cornus florida (Flowering dogwood)
- Quercus virginiana (Eastern red oak)
- Pinus virginiana (Virginia pine)
- Quercus marilandica (Black cherry)
- Pinus strobus (Balsam fir)
- Quercus ilex (White oak)
- Pinus strobus (Balsam fir)
- Rubus laevigatus (Evergreen blackberry)
- Rubus occidentalis (Black raspberry)
- Rubus occidentalis (Black raspberry)

**Sprakil S-5 applied at the rate of 120 pounds per acre will control the following species:**
- Acer circinatum (Vine maple)
- Crataegus spp. (Hawthorn)
- Hopaxylon viridescens (Burroughed)
- Ptelea trifoliata (Mesquite)
- Pinus sylvestris (Black Cherry)
- Ptelea trifoliata (Mesquite)
- Pinus sylvestris (Black Cherry)
- Pinus sylvestris (Balsam fir)
- Salix spp. (Willow)
- Salix rotundifolia (Common greencat)
- Ulmus parvifolia (Chinese Elm)
- Ulmus rubra (Slippery elm)

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