

U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (TS-767) WASHINGTON, DC 20460	EPA REGISTRATION NO.	DATE OF ISSUANCE
	37347-1	FEB. 25 1987
	TERM OF ISSUANCE	
Until Reregistration		
NAME OF PESTICIDE PRODUCT		
Stem-Sect Granular		

NOTICE OF PESTICIDE: REGISTRATION
 REREGISTRATION
 (Under the Federal Insecticide, Fungicide,
 and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Uni-Chem Corporation of Florida
 P.O. Box 6336
 Ft. Lauderdale, FL 33310

161 / 187052
18/1

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Add the phrase "EPA Registration No. 37347-1" to your label before you release the product for shipment.
3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(c). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

George T. LaRocca
 Product Manager (15)
 Insecticide-Rodenticide Branch
 Registration Division (TS-767C)

Enclosures

BEST AVAILABLE COPY

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL *[Signature]* DATE *2/25/87*

RESTRICTED USE PESTICIDE
Acute human oral, dermal, and inhalation toxicity.
For Retail Sale to and use Only by Certified Applicators or
Persons under their Direct Supervision, and only for Those
Uses covered by the Certified Applicators Certification.

**STEM - SECT™
GRANULAR**

A BROAD SPECTRUM SYSTEMIC INSECTICIDE
GIVES EFFECTIVE SYSTEMIC PROTECTION AGAINST INSECTS FOR ORNAMENTALS

Convenient to Handle and Apply - No Mixing - No Water to Haul

FOR THE CONTROL OF APHIDS, MITES, LEAFHOPPERS, LEAFMINERS,
THRIPS AND MANY OTHER INSECTS AS LISTED

ACTIVE INGREDIENT:	
Disulfoton: 0, -Diethyl S-[2-(ethylthio)-	
ethyl] phosphorodithioate.	15.0%
INERT INGREDIENTS:	85.0%
Total	100.0%

37347-1

KEEP OUT OF REACH OF CHILDREN

SKULL & DANGER - POISON SKULL & X-BONES
red ink P E L I G R O red ink

"PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta haya sido explicado ampliamente"

STATEMENTS OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center immediately. induce vomiting by giving victim 1 or 2 glasses of water and touching back of throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person.
IF IN EYES: Flush eyes with plenty of water. Get medical attention immediately.
IF ON SKIN: Remove contaminated clothing and wash affected area with soap and water. Get medical attention if irritation persists.
IF INHALED: Remove victim to fresh air and apply artificial respiration if indicated. Get medical attention immediately.

SEE NOTE TO PHYSICIAN AND SYMPTOMS OF POISONING ON SIDE/BACK PANEL
UNDER STATEMENTS OF PRACTICAL TREATMENT (Cont.)

SEE SIDE/BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.
EPA REG. NO. 37347-R EPA EST. NO. 37347-FD-1
NET CONTENTS 50 POUND (25 lb.)

UNI-CHEM CORPORATION OF FLORIDA
SPECIALISTS IN PRODUCTS FOR THE TURF INDUSTRY
P.O. BOX 6336
FT, LAUDERDALE FLORIDA 33310

BEST AVAILABLE COPY

STEM-SECT

STATEMENTS OF PRACTICAL TREATMENT (Cont.)

NOTE TO PHYSICIAN SYMPTOMS OF POISONING

This product is a cholinesterase inhibitor. Atropine Sulfate is antidotal only if signs of cholinesterase inhibition are present. 2-PAM is also antidotal and may be administered in conjunction with atropine.

Symptoms of Poisoning include; a sense of tightness in the chest, sweating, contracted pupils, Stomach pains, vomiting and diarrhea.

Administer Atropine Sulfate in large therapeutic doses. Repeat as necessary to the point of tolerance. 2-PAM is also antidotal, and may be administered in conjunction with Atropine. Compound inhibits cholinesterase, resulting in stimulation of the central nervous system, the parasympathetic nervous system and the somatic motor nerves. Do not give morphine. Watch for pulmonary edema, which may develop in serious cases of poisoning even after 12 hours. At first sign of pulmonary edema, the patient should be placed in an oxygen tent and treated symptomatically.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER-POISON: Poisonous if swallowed, inhaled, or absorbed through the skin. Rapidly absorbed through the skin. Do not get in eyes, or on skin. Do not breathe dust. Wear protective clothing, and cotton or natural rubber gloves. If cotton gloves are used, they must be laundered or discarded after each day's use. Do not wear the same gloves for other work. Rubber gloves should be washed with soap and water after each use. When using this product in enclosed areas, wear a mask or respirator jointly approved by the Mine Safety and Health Administration and by the National Institute for Occupational Safety and Health under the provisions of 30 CFR Part II. Do not contaminate food or feedstuffs. Keep all unprotected persons out of the operating area or vicinity. Wash hands, arms, and face thoroughly with soap and warm water after handling and before eating, drinking or smoking. Wash all contaminated clothing with soap and hot water before reuse.

ENVIRONMENTAL HAZARDS

Do not contaminate water by cleaning of equipment or disposal of wastes. This pesticide is toxic to fish and wildlife. Do not apply directly to water or wetlands. Drift and runoff from treated areas may be hazardous to fish in neighboring area. Cover or incorporate spills.

This pesticide is toxic to bees. exposed to direct application. Applications should be timed to coincide with periods of minimum bee activity, usually between late evening and early morning.

DIRECTIONS FOR USE

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

STEM-SECT effectively controls insects on ornamentals. It gives up to seven weeks of protection when applied at planting time as a side-dressing as recommended. STEM-SECT moves with soil moisture and is absorbed by the roots. It provides "built in" protection because it acts from within the sap stream of the plants. It stops harmful insects before they get started.

BEST AVAILABLE COPY

STEM-SECT

p. 4/5

RE-ENTRY AND WORKER SAFETY STATEMENT

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons. Do not allow reentry into treated fields within 24 hours of application unless appropriate protective clothing is worn. Because certain states may require more restrictive re-entry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Written or oral warnings must be given to workers who are expected to be in treated areas or in an area to be treated with this product. Oral warnings should include those statements found under the label heading "Precautionary Statements" & "Reentry Statements" included on this label. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information:

DANGER: Area treated with STEMSECT INSECTICIDE on (Date of application) _____ Do not allow reentry into treated fields within 24 hours of application unless appropriate protective clothing is worn. See Precautionary Statements on label. In case of accidental exposure see STATEMENTS OF PRACTICAL TREATMENT found on this label.

STORAGE AND DISPOSAL

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

STORAGE: Store product in original labeled bag in a cool, dry, locked place out of reach of children. In case of puncture, use an overslip bag and securely close.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Wastes representative at the nearest EPA Regional Office for guidance.

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.

DIRECTIONS FOR USE (Cont.)

STEM-SECT enters the plant through the root system. The insecticide, when placed near the roots is picked up and moves in the sap stream to all parts of the plant, where it kills insects as they feed on the plant.

As a preplant treatment for ornamental flowers, shrubs and trees, apply granules evenly to the seed bed and mix into soil; then place seeds or transplants in the normal manner. Established plants may be treated by distributing the granules uniformly under foliage canopy. Mixing the granules into top soil and watering will accelerate the entry into the plant, as the chemical will leach into the root zone and be taken up by the root system.

BEST AVAILABLE COPY

STEM-SECT

RECOMMENDED APPLICATIONS
 FOR ORNAMENTAL PLANTS

PLANTS	INSECTS CONTROLLED	HOW MUCH TO USE
SHRUBS, TREES, FOREST PLANTINGS	Aphids, Birch Leaf Miner, Camellia Scale, Elm Leaf Beetle, European Elm Scale, Holly Leaf Miner, Lace Bug, Leafhoppers, Mimosa Webworm, Mites, Pine Tip Moth, Soft Scale, Tea Scale, Thrips, Whiteflies,	2.5 Ounces to 27 Ounces / tree OR 2.5 Ounces applied to ground per inch of tree trunk Diameter.

Spread granules uniformly from trunk to drip line on all sides. Work into soil and water thoroughly. The higher dosage is recommended for heavy organic or muck soils. For transplanting, equivalent quantities should be applied into planting hole or by dipping seed in a wet clay slurry made up of 1 part by weight of STEM-SECT Granular in a 6 to 14 parts by weight of clay; (mixed with a small amount of water to make the slurry).

PLANTS	INSECTS CONTROLLED	HOW MUCH TO USE
FLOWERS	Aphids, Lace Bugs, Leafhoppers, Mites, Thrips, Whiteflies	10.7 Ounces per 150 to 300 feet

Apply in a band on each side of the seed furrow or as a band over the row. Work into soil and water thoroughly. For treatment of Easter Lilies and Gladiolus, apply the specified dosage in the furrow over the bulbs after they are set but before covering with soil. Do not make in-furrow applications to garden lily bulbs. The higher dosage is recommended for heavy organic or muck soils. In commercial topping of flowers by hand, clean gloves should be worn. Do not treat crops grown in the greenhouse. Use only according to label directions.

NOTICE: 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. Manufacturer is not responsible for the use of this product contrary to the label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to the manufacturer and/or seller and the buyer assumes the risk of any such use.

