

9688-261

06-22-2011

1/11



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Ms. Jessica Goldberg
Chemisco
Division of United Industries Corp.
PO Box 142642
St Louis, MO 63114

JUN 22 2011

Subject: Label Amendment – Adding Required Sulfentrazone Turf Restriction
Product Name: Chemisco Herbicide 2XG
EPA Registration Number: 9688-261
Submission Date: February 17, 2011
Decision Number: 445652

Dear Ms. Goldberg:

The label amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended is acceptable.

Please note that marketing claims made on the pesticide label must be substantiated by data maintained in your files. If data supporting marketing claims made on the product label is not available, then those claims must be removed.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

Products shipped after 18 months from the date on this notice or the next printing of the label whichever occurs first, must bear the new revised label. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA. Your release for shipment of this product constitutes acceptance of these conditions. This label supersedes all previously accepted labels. You must submit one copy of the final printed label before the product is released for shipment. One copy of the label stamped "ACCEPTED" is enclosed for your records. If you have any questions, please contact Dianne Morgan by phone at (703) 305-6217 or via email at morgan.dianne@epa.gov.

SEE NEXT PAGE

Page 2 of 2
Label Amendment
Product Name: Chemisco Herbicide 2XG
EPA Registration Number: 9688-261
Submission Date: February 17, 2011
Decision Number: 445652

Sincerely,

MICHAEL WALSH

FOR
Kathryn V. Montague
Product Manager (23)
Herbicide Branch
Registration Division (7505P)

Enclosure

3
11

Chemsico Herbicide 2XG

ACTIVE INGREDIENTS:

2,4-D, dimethylamine salt.....	0.342%
Mecoprop-p, dimethylamine salt	0.123%
Dicamba, dimethylamine salt	0.032%
Sulfentrazone.....	0.008%
OTHER INGREDIENTS:.....	<u>99.495%</u>
TOTAL	100.000%

THIS PRODUCT CONTAINS (on weight basis):

- 0.285% 2,4-D acid equivalent
- 0.102% Mecoprop-p acid equivalent
- 0.027% Dicamba acid equivalent
- Isomer Specific by AOAC Method.

CAS Numbers: 2,4-D dimethylamine salt (2008-39-1), Mecoprop-p dimethylamine salt (66423-09-4), Dicamba dimethylamine salt (2300-66-5), Sulfentrazone (122836-35-5)

[NOTE: If the design, format, or small size of the container labels makes it impractical to present the entire ingredient statement on the front panel, then we ask to add a referral statement and present the substatement on the back panel: *See back panel for substatement of ingredient statement.*]

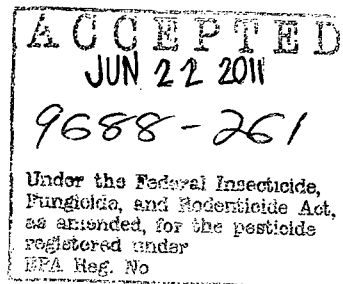
KEEP OUT OF REACH OF CHILDREN

CAUTION

See back panel [booklet] for additional Precautionary Statements

**NET CONTENTS: 24 fl. oz., 1 QUART, 1 U.S. GALLON (3.78 L),
and 1.3 U.S. GALLON (4.9 L)**

[xxx] = optional text



5/11

READ THE ENTIRE LABEL FIRST. OBSERVE ALL PRECAUTIONS AND FOLLOW DIRECTIONS CAREFULLY.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals:

CAUTION: Harmful if swallowed. Avoid contact with eyes or clothing. When using this product, wear long-sleeved shirt, long pants, socks, shoes and rubber gloves.

After using this product, rinse gloves before removing, remove clothing and launder separately before reuse, and promptly and thoroughly wash hands and exposed skin with soap and water. Remove saturated clothing as soon as possible and shower.

First Aid

If swallowed:	<ul style="list-style-type: none"> • 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 to an unconscious person.
<p>Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-332-5553 for emergency medical treatment advice.</p>	

ENVIRONMENTAL HAZARDS:

This product is toxic to fish and aquatic invertebrates and may adversely affect nontarget plants. Do not apply directly to water. Do not contaminate water when disposing of equipment wash waters or rinsate.

This chemical has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination. Application around a cistern or well may result in contamination of drinking water or groundwater.

DIRECTIONS FOR USE

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

Keep people and pets off treated areas until dry. Do not apply this product in a way that will contact any person or pet, either directly or through drift. Keep people and pets out of the area during application.

Do not apply directly to or near water, storm drains, gutters, sewers, or drainage ditches. Do not apply within 25 feet for rivers, fish ponds, lakes, streams, reservoirs, marshes, estuaries, bays, and oceans. Do not apply when windy. To prevent product run-off, do not over water the treated areas to the point of runoff or apply when raining or when rain is expected that day.

For home lawn care:

Chemsico Herbicide 2XG is a ready-to-use (RTU) product intended for "spot" treatment of individual broadleaf weeds.

- This 32 fl. oz. (1.0 quart) container treats approximately 250 weeds or up to 250 sq. ft.
- This 128 fl. oz (1.0 gallon) container treats approximately 1,000 weeds or up to 1,000 sq. ft.
- This 1.3 gallon container treats approximately 1,300 weeds or up to 1,300 sq. ft.

Do not exceed more than 0.375 lb Sulfentrazone/A per year.

5
11

BROADLEAF WEEDS CONTROLLED:

[Chemsico Herbicide 2XG][This product] will control or suppress the following broadleaf weeds. A partial list is presented below:

Broadleaf Weeds		
Bedstraw	Innocence (Blue-eyed Mary)	Purple cudweed
Black medic	Knotweed	Purslane
Buckhorn	Lambsquarters	Ragweed
Burdock	Lawn burweed	Redweed
Chicory	Lespedeza	Sheep sorrel
Chickweed	Mallow	Shepherdspurse
Clover	Morningglory	Speedwell
Corn speedwell	Old world diamond flower	Spurge
Dandelion	Peppergrass	Wild carrot
Dock	Pigweed	Wild garlic
Ground ivy	Plantain	Wild lettuce
Healall	Poison ivy	Wild onion
Henbit	Poison oak	Yarrow

HAND SPRAYER PRODUCT

(Directions & Storage and Disposal)

1. Shake well.
2. Connect trigger sprayer. Unscrew and discard the white cap on the bottle. Insert the hose into the bottle and tighten the cap securely.
3. Prime Sprayer: Turn the sprayer nozzle one-half turn counter-clockwise. Hold the sprayer lower than the bottle and squeeze the trigger several times until it sprays. Adjust the nozzle to coarse spray pattern to minimize wind drift. (graphic)
4. Spray just enough [Chemsico Herbicide 2XG] [product] to lightly cover [broadleaf] weeds. **Excessive spraying can injure some lawns.** Do not apply when daytime temperatures are above 85° F as lawn injury can occur. (graphic) Spray only the weeds, not the entire lawn.
5. Weeds will begin wilting and browning overnight.

USE TIPS

- Some hard-to-kill weeds may require re-treatment. Wait at least 3 weeks between applications — some weeds can take that long to die.
- Rainproof [Rain fast] – rain or watering 3 hours after application will not wash away effectiveness. [If rainfall occurs within 3 hours of application, the product should be reapplied.]
- Do not allow spray to drift onto desirable plants since injury may result.
- Do not use on 'Floritam' or 'Bitterblue' varieties of St. Augustinegrass

STORAGE AND DISPOSAL

Pesticide Storage: Turn the nozzle to "OFF" position and store with sprayer above the level of liquid in container to prevent leakage. Store in original container in an area inaccessible to children and pets.

Pesticide Disposal and Container Handling: Nonrefillable container. Do not reuse or refill this container. **If Empty:** Place in trash or offer for recycling if available. **If Partly Filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain."

TRIGGER SPRAYER PRODUCT

(Directions & Storage and Disposal)

1. Shake well.
2. Adjust nozzle to coarse spray pattern to minimize wind drift. (graphic)
3. Spray just enough [Chemsico Herbicide 2XG] [product] to lightly cover [broadleaf] weeds. **Excessive spraying can injure some lawns.** Do not apply when daytime temperatures are above 85°F as lawn injury can occur. (graphic) Spray only the weeds, not the entire lawn.
4. Weeds will begin wilting and browning overnight.

STORAGE AND DISPOSAL

Pesticide Storage: Turn the nozzle to "OFF" position and store with sprayer above the level of liquid in container to prevent leakage. Store in original container in an area inaccessible to children and pets.

Pesticide Disposal and Container Handling: Nonrefillable container. Do not reuse or refill this container. **If Empty:** Place in trash or offer for recycling if available. **If Partly Filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain."

USE TIPS

- ❖ Some hard-to-kill weeds may require re-treatment. Wait at least 3 weeks between applications — some weeds can take that long to die.
- ❖ Rainproof [Rain fast] – rain or watering 3 hours after application will not wash away effectiveness. [If rainfall occurs within 3 hours of application, the product should be re-applied.]
- ❖ Do not allow spray to drift onto desirable plants since injury may result.
- ❖ Do not use on 'Floritam' or 'Bitterblue' varieties of St. Augustinegrass

NOTICE: To the extent consistent with applicable law, buyer assume all responsibility for safety and use not in accordance with directions.

GUARANTEED RESULTS or your money back. If you are not satisfied with this product for any reason, send your written request for a refund to the address below, together with the original dated store receipt showing the price you paid. Please allow 6-8 weeks for processing.

Questions or comments? Call toll free 1-800-xxx-xxxx.
[telephone number, address, website information for supplemental registrant or distributor].

Made in the USA by Chemsico, Division of United Industries Corp., P.O. Box 142642. St. Louis, MO 63114-0642

EPA Reg. No. 9688-261
EPA Est. No. 9688-MO-1

©2007

APPENDIX:

I. Advertising claims and marketing phrases that may be presented on promotional materials and the container labels of supplemental registrants.

- Cool and Warm Season Grasses Bluegrass, Fescue, Zoysia, Bermuda, St. Augustinegrass*, Bentgrass, Centipede, Bahia, Perennial Ryegrass * (note: Do not use on 'Floritam' or 'Bitterblue' varieties of St. Augustinegrass)
- Kills the Weeds, not the Lawn
- Kills xx+ Weed Types Roots and All.
- Kills xx+ Weeds
- Kills over 250 Weeds [weed types], Including Clover, Dandelion and Yellow Nutsedge [& others] [as listed]
- Kills weed roots
- Kills Dandelion, Chickweed, Wild onion, Plantain, Poison ivy and many others. Weed details on back. See Results in Hours.
- Overnight results • Rainproof in hours • Rainproof in as little as 3 hours — won't wash away.
- Water-Based
- Refillable
- Especially effective on all types of hard-to-kill weeds
- Kills xx+ types of weeds • Kills weed roots! • Kills broadleaf weeds [& others] [as listed]
- Clear-view measuring window
- For home lawn care.
- Kills over xx weed types including dandelion, chickweed, wild onion, plantain and poison ivy
- Kills broadleaf weeds in lawns
- Kills broadleaf weeds [& others] [as listed], roots and all. And [brand name] is formulated to kill only the weeds, not the lawn. Use as directed to kill broadleaf weeds in your lawn [& others] [as listed].
- Kills dandelion and many other broadleaf weeds
- [Brand name] controls more than xx troublesome weeds including dandelion, clover, plantain and wild onion. It kills even woody weeds like poison ivy and poison oak in both cool and warm season lawns.
- Use on Lawns to Kill the Toughest Weeds, Like Clover and Dandelion.
- Won't Harm Lawns*
 - *When used as directed: Do not use on 'Floritam' or 'Bitterblue' varieties of St. Augustinegrass.

EFFICACY

- Tough weed killer
- Kills even the toughest broadleaf weeds [like (clover) (dandelion) (oxalis)]
- Kills even tough broadleaf weeds [like (clover) (dandelion) (oxalis)]
- Treats Cool and Warm Season Grasses
- Treats Bluegrass, Fescue, Zoysia, Bermuda, St. Augustine*, Bentgrass, Centipede, Bahia, Perennial ryegrass * (note: Do not use on 'Floritam' or 'Bitterblue' varieties of St. Augustinegrass)
- Destroys the hard-to-kill broadleaf weeds [like (clover) (dandelion) (oxalis)]
- Kills broadleaf weeds [like (clover) (dandelion) (oxalis)] [& others] [as listed]
- Kills dandelion, chickweed, wild onion, oxalis, plantain, poison ivy and many others. [See Weed details on back.]
- Kills broadleaf weeds [& others] [as listed]
- Kills broadleaf weeds in lawns
- Kills poison ivy and poison oak
- Provides broadleaf control
- [Controls][Kills] clover, dandelion, plantain, chickweed and [other broadleaf weeds] [others as listed]
- [Complete] clover control [as little as one week]
- Controls clover in one week
- Kills blackberries and kudzu
- Kills XX [types of] [brush and] weeds [roots and all]
- Kills weed roots
- Kills the root
- Kills weed roots!
- Kills tough lawn weeds
- Especially effective on all types of hard-to-kill weeds [Superior results] [Kills more weeds] [Our toughest formula [ever] [or the toughest weeds]
- Kills Yellow Nutsedge

SPEED

- [Superior] Overnight results
- [See] results in hours
- [See] results in 8 hours
- Consistently fast on tough weeds like clover, plantain, ground ivy and spurge [various other weeds listed]
- Starts working on contact
- [Our] fastest formula ever
- [Our] fastest lawn weed killer ever

WEATHER

- [Superior][cool][all] weather performance
- Proven [all] [cool] weather performance
- Performs in both warm and cool weather

11/18

RAINPROOF

- Rainproof — [For control that] won't wash away
- Can't be washed [away][off]
- Can't be washed [off by rain]
- [Rainfast][Rainproof] [in hours [Won't wash away]
- Rainproof — Won't wash away
- [Rainproof] [Rainfast] in [as little as] 3 hours

OTHER

- Water-based
- Guaranteed [results] or your money back
- Clear-view measuring window
- For home lawn care
- For home lawns only
- For a beautiful, weed-free lawn
- Helps keep lawns weed-free
- Ideal for spot treating individual lawn weeds
- Kills the weeds, not the lawn
- Kills weeds, not lawn grasses
- Kills [down to] the root, [not the lawn]
- For use on lawns
- Targets weeds, leaves [grasses] [the lawn] unharmed

GEL FORMULA

- [gel] formula [technology]
- Less Mess
- No Runoff
- No Drip
- Ultra Gel
- Advanced [killing] gel
- [Gel] stays where you spray [it every time]
- Stays where you want it to stay
- Clinging [gel][technology][formula]
- Breakthrough [Chemsico] gel [technology][formula]
- Amazing [gel][technology][formula]
- Advanced [ge][technology][formula]
- Killing cling
- Gel formula

19
11

PRODUCT FACTS

What It Does:

[Kills Broadleaf Weeds including Dandelion, Chickweed and Clover] [Kills over 60 types of weeds including Poison Ivy, Poison Oak] [& others][as listed]

Where To Use: (icon weeds)

Lawns: Kills the Weeds not the Lawn

(note: Do not use on 'Floritam' or 'Bitterblue' varieties of St. Augustinegrass)

When To Use:

Apply when daytime temperatures are below 85°F.

Questions & Comments: (icon phone) (icon computer)

Call 1-800-xxx-xxxx or Visit our Website at www.companyname.com

Controls (Number) weeds! (Listing of weeds may include the following.)

- WEEDS -

Amaranth, purple	Daisy, oxeye	Mustard, indian,	Speedwell, snow
Amaranth, slender	Dandelion, common	Mustard, tansy	Speedwell, thymeleaf
Aster, heath	Dandelion, false	Mustard, tumble	Spiny amaranth
Aster, white heath	Day flower	Mustard, white	Spurge, spotted
Aster, purple	Deadnettle	Mustard, wormseed	Spurge, prostrate
Aster, white prairie	Dichondra	Nettle, stinging (burning)	Spurweed
Artichoke	Dock, broadleaf	Nettle, tall	Star of Bethlehem
Austrian fieldcress	Dock, curly	Nettle, wood	Strawberry, India mock
Bedstraw, Catchweed	Dogbane	Parsley-piert	Tansy ragwort
Bedstraw, smooth	Dogfennel	Parsnip	Tanweed
Bedstraw, Northern	Dollarweed (Pennywort)	Pearlwort	Thistle, blessed
Bedstraw, pineywoods	Dove weed	Pennycress (frenchweed)	Thistle, bull
Beggarticks, hairy	Elderberry	Pepperweed, perennial	Thistle, canada
Betony, Florida	Falseflax	Pepperweed, virginia (Peppergrass)	Thistle, flodman (prairie)
Bindweed, Field	False sunflower	Pigweed, prostate	Thistle, musk
Bindweed, Hedge	Fiddleneck	Pigweed, redroot	Thistle, platte
Bitter Wintercress	Filaree, redstem	Pigweed, russian	Thistle, plumeless
Bittercress, hairy	Filaree, whitestem	Pigweed, smooth	Thistle, russian
Bitterweed	Fleabane, daisy (annual)	Pigweed, tumble	Thistle, scotch
Black-eyed Susan	Fleabane, rough	Pineapple weed	Thistle, wavyleaf
Black Medic	Galinsoga, hairy	Plains coreopsis (tickseed)	Thistle, yellow (horrible)
Blood flower milkweed	Galinsoga, smallflower	Plantain, blackseed	Trailing crownvetch
Blue lettuce	Goldenrod	Plantain, bracted	Velvetleaf
Brassbuttons	Ground ivy	Plantain, broadleaf	Vervain, blue
Bristly oxtongue	Groundsel	Plantain, buckhorn	Vervain, hoary
Broomweed	Gumweed	Plantain, hoary	Vervain, prostrate
Buckhorn	Hairy fleabane	Plantain, narrowleaf	Vervain, tall
Bullnettle	Hawkweed, meadow	Plantain, slender	Vetch, bird
Burclover	Hawkweed, mouseear	Plantain, woolly	Vetch, hairy
Burdock	Hawkweed, orange	Poison ivy	Vetch, milk
Burweed, lawn (spurweed)	Hawkweed, yellow	Poison oak	Vetch, narrowleaf
Buttercup, bulbous	Healall	Pokeweed	Vetch, wild
Buttercup, creeping	Heartleaf drymary	Prairie Sunflower	Virginia creeper
Buttonweed, common (poorjoe)	Hemp	Prickly lettuce (compass plant)	Western clematis
Buttonweed, virginia	Henbit	Prickly sida	Western salsify
Carolina geranium (wild)	Hoary cress	Prostrate knotweed	Wild aster
Carpetweed	Horsenettle	Puncturevine	Wild buckweat
Catnip	Horseweed	Purslane, common	Wild carrot
Catsear, spotted (false dandelion)	Jimsonweed	Pusley, brazil	Wild four-o'clock
Chamber bitter	Johnny-Jumpup violet	Pusley, florida	Wild garlic
Chickweed, common	Knawel	Pusley, large flower	Wild lettuce
Chickweed, mouseear	Knotweed, prostrate	Ragweed, bur	Wild marigold
Chickweed, sticky	Kochia	Ragweed, common	Wild mustard (yellow rocket)
Chicory	Lambsquarters	Ragweed, lancleaf	Wild onion
Cinquefoil	Lespedeza	Ragweed, western	Wild parsnip
Clover, crimson	Mallow, alkali	Redstem filaree	Wild radish
Clover, alyce	Mallow, bristly	Rough cinquefoil	Wild rape
Clover, hop	Mallow, common	Scarlet pimpernel	Wild strawberry
Clover, rabbit foot	Mallow, dwarf	Shepardspurse	Wild sweet potato
Clover, red	Mallow, venice	Smartweed, ladysthumb	Wild violet
Clover, strawberry	Marcela	Smartweed, pale	Woodsorrel, creeping
Clover, yellow sweet	Matchweed	Smartweed, pennsylvania	Woodsorrel, violet
Clover, white sweet	Mexicanweed	Smooth chaff-flower	Woodsorrel, yellow (Oxalis)
Clover, white	Moneywort	Smoothdock	Woolly croton
Cockle	Morningglory, bigroot	Sorrel, red (sheep)	Wormseed
Cocklebur	Morningglory, ivyleaf	Sowthistle, annual	Yarrow, common
Cocklebur, oriental	Morningglory, mexican	Sowthistle, spiny	Yarrow, western
Cocklebur, spiny	Morningglory, red	Spanish needles	Yarrow, yellow
Common mullein	Morningglory, tall	Speedwell, bi-lobed	Yellow nutsedge
Corn Spurry	Morningglory, wolly	Speedwell, common	
Creeping Beggarweed	Mugwort	Speedwell, corn	
Creeping Jenny (creeping charlie)	Mustard, ball	Speedwell, ivyleaf	
Cupid shaving Brush	Mustard, black	Speedwell, persian	
Cudweed	Mustard, blue	Speedwell, purslane	
Daisy, English	Mustard, hedge	Speedwell, slender	