Active Ingredient: Carfentrazone-ethyl ..............................................21.3%
Other Ingredients: ..............................................  78.7%
100.0%

This product contains 1.9 pounds active ingredient per gallon

Contains Petroleum Distillates

KEEP OUT OF REACH OF CHILDREN
CAUTION
See other panels for additional precautionary information.

FMC Corporation
2929 Walnut Street
Philadelphia PA 19104

Net Contents: 1 Pint

PRECAUTIONARY STATEMENTS
Hazards to Humans (and Domestic Animals)

CAUTION
Harmful if swallowed, absorbed through the skin or inhaled. Causes moderate eye irritation. Avoid breathing spray mist. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Personal Protective Equipment (PPE)
Applicators and other handlers must wear: long-sleeved shirt and long pants, waterproof gloves, and shoes plus socks.

Follow manufacturer’s instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.
Environmental Hazards
QuickSilver T&O Herbicide is very toxic to algae and moderately toxic to fish. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark, except as specified on this label. Do not contaminate water when disposing of equipment washwaters.

Physical/Chemical Hazards
Do not use or store near heat or open flame. DIRECTIONS FOR USE
It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.
Do not apply this product through any type of irrigation system.
Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

Non-Agricultural Use Requirements
The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Re-entry Statement: Do not allow people (other than applicator) or pets on treatment area during application. Do not enter treatment area until spray has dried.

STORAGE AND DISPOSAL
Pesticide Storage
Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open container. To avoid partial use, replace lids and close tightly. Do not put granule or dilute material into food or drink containers. Do not contaminate other pesticides, fertilizers, water, food, or feed by inappropriate storage or disposal.
In case of spill, avoid contact, isolate area and keep out unprotected persons and animals. Confin e spills. Call FMC: (800) 331-3148. To confine spill: Dike surrounding area, sweep up spillage. Dispose of in accordance with information given under Pesticide Disposal. Wash spill area with water, absorb with sand, cat litter or commer cial clay, sweep up and dispose of in an approved manner. Place damaged container in a large holding container. Identify contents per required hazardous waste labeling regulations.

Pesticide Disposal
Waste resulting from the use of this product may be disposed of at an approved waste disposal facility.

Container Disposal
Metal or Plastic Containers - Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: (For containers greater than 5 gallons) Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Empty the rinseate into application equipment or a mix tank or store rinseate for later use or disposal. Repeat this procedure two more times. (For containers 5 gallons or less) Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recapture. Shake for 10 seconds. Pour rinseate into application equipment or a mix tank or store rinseate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available, or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. Do not cut or weld metal containers.

Returnable/Refillable Containers - Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents into application equipment or mix tank. Fill the container about 10% full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinseate into application equipment or rinseate collection system. Repeat this rinsing procedure two more times.

GENERAL INFORMATION
QuickSilver T&O Herbicide is a contact herbicide with little or no residual activity that provides selective postemergence control of broadleaf weeds and silvery thread moss (Bryum argenteum) in turfgrass. The active ingredient of QuickSilver T&O Herbicide is carfentrazone-ethyl. It is an ary1 triazolinone herbicide, which interrupts chlorophyll synthesis and produces metabolic byproducts that disrupt plant cell membranes. This process only occurs in susceptible green plants in the presence of light.
QuickSilver T&O Herbicide rapidly penetrates into the plant cells and symptoms may be apparent on foliage of susceptible weeds in 24 hours or less. Complete desiccation and death occurs within 7 to 14 days of application. QuickSilver T&O Herbicide is rainfast within one hour after application.
This product is most effective when applied to actively growing winter and summer annual seedings. It also increases the speed of kill and expands the spectrum of control of mature and perennial broadleaf weeds (See “Weeds Controlled” section) when applied in a tank mixure with other postemergence herbicides.
Exposure in environmental conditions e.g., excessively high or low moisture or temperature may affect the activity of this product. Under warm, moist conditions appearance of herbicide symptoms may be accelerated while under very dry or cool conditions the expression of herbicidal symptoms is delayed. However, this product remains highly effective under both cool and warm environmental conditions. Weeds hardened by drought and/or extremely high temperatures are less susceptible to this product and the higher rates in the range are recommended under those conditions.

Re-entry Statement: Do not allow people (other than applicator) or pets on treatment area during application. Do not enter treatment area until spray has dried.

Turfgrass Tolerance
Turfgrasses tolerant to application of QuickSilver T&O Herbicide are listed below. FMC does not recommend application to turfgrasses not listed.

Cool Season Grasses (creeping bentgrass, colonial bentgrass, annual bluegrass, Kentucky bluegrass, fine fescues, red fescues, tall fescue, perennial ryegrass) Established cool season grasses are generally tolerant to applications of QuickSilver T&O Herbicide at labeled rates. Tall fescue may exhibit a slight yellowing discoloration occurring within 3 to 5 days after application under some conditions. Recovery typically occurs 4 to 7 days. If such injury or any injury cannot be tolerated, apply to a small test area before treating large areas to assure tolerance of the host turf species. Be sure to observe and observe all label restrictions regarding turf tolerance of companion products when QuickSilver T&O Herbicide is tank mixed with another product.

Warm Season Grasses (common and hybrid bermudagrass, bahiagrass, buffalograss, centipedegrass, seashore paspalum, St. Augustine grass, zoysiagrass)
Established warm season grasses listed above are generally tolerant to applications of QuickSilver T&O Herbicide but may be susceptible to transitory yellowing when they are under stress. Stress is typically associated with but not limited to high or low moisture conditions, or transition into or out of dormancy.
Under such conditions injury in the form of transitory yellowing discoloration may occur within 3 to 7 days of application. If such injury or any injury cannot be tolerated, apply QuickSilver T&O Herbicide in the manner you will be using it to a small test area before treating large areas to determine tolerance of the turf. Be aware of and observe all label restrictions regarding turfgrass tolerance of companion products when QuickSilver T&O Herbicide is tank mixed with another product.

**Newly Seeded, Sodded or Sprigged Turfgrass**

QuickSilver T&O Herbicide can be applied to the following species of turfgrass at 7 days or more after emergence for species established by both seeding and sprigging: hybrid bermudagrass, common bermudagrass, St. Augustine, creeping bentgrass, tall fescue, perennial ryegrass and Kentucky bluegrass. Application to zoysiagrass should be delayed until at least 14 days after emergence to avoid extended discoloration. Slight discoloration may be observed immediately after application for hybrid bermudagrass, however, normal turf color returns by 12 days after emergence if no other stresses are present. Areas treated with QuickSilver T&O Herbicide may be seeded or overseeded one day following application.

**Dormant Turf**

Applications to dormant warm-season grasses are permitted. Avoid applications when warm-season grasses are transitioning into or out of dormancy.

**Mixing Instructions**

QuickSilver T&O Herbicide is an aqueous base emulsion containing 1.9 pounds active ingredient per gallon and is intended for dilution with water.

Fill the spray tank 3/4 full with clean water or diluent. Make sure the agitation system is operating. Add the recommended amount of QuickSilver T&O Herbicide and complete filling the spray tank to the desired level. The mechanical or bypass agitation must be sufficient to ensure uniform spray mixture during application.

**Tank Mix Compatibility**

QuickSilver T&O Herbicide is believed to be compatible with most herbicides, fungicides, insecticides, growth regulators, liquid fertilizers and spray adjuvants commonly used in turf and lawn care management. Liquid fertilizers may also be used along with water as part of the diluent. However, when preparing a new tank mix, always conduct a physical compatibility test by mixing proportional amounts of all spray ingredients in a test vessel (jar). Shake the mixture vigorously and allow it to stand for five to ten minutes. Rapid precipitation of the ingredients and failure to re-suspend when shaken indicates that the mixture is incompatible and should not be applied. To evaluate the biological compatibility of a mixture being used for the first time, spray a small area and observe for control and phytotoxicity symptoms for several days before applying to large areas.

Read and observe mixing instructions of all tank mix partners. Also read each product’s label for Directions for Use, Precautionary Statements and Restrictions and Limitations. The most restrictive labeling applies in all tank mixtures. No label dosage rate should be exceeded. Each tank mixture recommendation is for use only in states where the companion products and application site are registered. In addition, certain states or geographical regions may have established dosage rate limitations. Consult your state Pesticide Control Agency for additional information regarding the maximum use rates.

When tank mixing QuickSilver T&O Herbicide with other products always add the other products as specified on their label. Ensure the compatibility of other products with this product before mixing them in the tank.

Maintain the pH of the spray solution in the range of pH 5 to 8. Use buffers as necessary. Spray solution in the range of pH 6 to 7 is optimal.

**Application Directions**

**Spray coverage**

QuickSilver T&O Herbicide is a contact herbicide with little or no residual activity. It produces herbicidal symptoms only in the portions of the target weeds with which it comes into direct contact. To achieve maximum effectiveness of this product, select a spray volume and nozzle system that ensures thorough and uniform coverage and at the same time minimizes the spray lines. Spray droplets larger than 400 microns may reduce coverage and result in loss of weed control. Applications should be made using spray volumes of 20-175 gallons per acre (0.5 to 4.0 gallons per 1000 sq.ft.). Use higher spray volumes when there is a dense weed population or turfgrass canopy or where uniform coverage is difficult to obtain.

**Spot Treatments**

<table>
<thead>
<tr>
<th>Annual morning glory spp.</th>
<th>Hemp sesbania</th>
</tr>
</thead>
<tbody>
<tr>
<td>Annual sowthistle</td>
<td>Henbit</td>
</tr>
<tr>
<td>Black medic</td>
<td>IVyleaf speedwell</td>
</tr>
<tr>
<td>Carpetweed</td>
<td>Kochia</td>
</tr>
<tr>
<td>Catchweed bedstraw</td>
<td>Ladysthumb</td>
</tr>
<tr>
<td>Coast fiddleneck</td>
<td>Little mallow</td>
</tr>
<tr>
<td>Common dayflower</td>
<td>London rocket</td>
</tr>
<tr>
<td>Common lambsquarters</td>
<td>Nightshade spp.</td>
</tr>
<tr>
<td>Common mallow</td>
<td>PA smartweed</td>
</tr>
<tr>
<td>Common purslane</td>
<td>Persian speedwell</td>
</tr>
<tr>
<td>Creeping speedwell</td>
<td>Pigweed spp.</td>
</tr>
<tr>
<td>Deadnettle ssp.</td>
<td>Prostrate knotweed</td>
</tr>
<tr>
<td>Field pennycreas</td>
<td>Shepherd’s-purse</td>
</tr>
<tr>
<td>Field speedwell</td>
<td>Smallflowered bittercress</td>
</tr>
<tr>
<td>Field violet</td>
<td>Wild buckwheat</td>
</tr>
<tr>
<td>FL beggarweed</td>
<td>Wild lettuce</td>
</tr>
<tr>
<td>FL pusley</td>
<td>Wild mustard</td>
</tr>
</tbody>
</table>

For more specific information on clean-out procedures contact FMC at 800-321-1362.

Should small quantities of QuickSilver T&O Herbicide remain in mixing, loading and/or spray equipment that has been cleaned as described above, they may be released during subsequent applications potentially causing effects to non-target vegetation. FMC accepts no liability for adverse responses to non-target plants or crops.

**Weeds Controlled**

QuickSilver T&O Herbicide can be used to selectively control weeds including silvery thread moss anytime during the year except as instructed elsewhere in this label. Application rates for control of weeds other than silvery thread moss range from 0.9 to 2.1 fluid ounces per acre as described below. Use the lower rates in a range for susceptible weed species and/or for optimal environmental conditions. Use the higher rates in the range for dense infestations of perennial weeds, and for adverse/extreme environmental conditions. See “Category 2: Used as a stand-alone product for silvery thread moss control” to determine application rates for control of silvery thread moss.

**Category 1: Used as a stand-alone product**

Apply QuickSilver T&O Herbicide at rates of 1.0 to 2.1 fluid ounces of product per acre (0.023 to 0.048 fluid ounces per 1000 square feet) for control of seedling (4 inches tall or less) winter and summer annual weeds listed below:
QuickSilver T&O Herbicide may be used for burndown and control of silvery thread moss occurring on lawns and golf course greens and tees consisting of bentgrass and hybrid bermudagrass. To control silvery thread moss, apply QuickSilver T&O Herbicide at a rate of 6.7 fluid ounces of product per acre (0.154 fluid ounces per 1000 square feet) followed by a second application in two weeks at a rate of 6.7 fluid ounces/acre.

Control over longer periods:
If necessary, applications may be repeated every two weeks at a rate that is no less than 2.0 fluid ounces per acre (0.046 fluid ounces per 1000 square feet) and no more than 6.7 fluid ounces/acre to control moss that has reestablished, as long as the annual maximum rate of 0.40 lb a.i./acre per year is not exceeded.

Use a non-ionic surfactant in the spray mix at a rate of 0.25% volume/volume. Follow all adjuvant manufacturers use guidelines.

Do not tank mix with other pesticides for silvery thread moss control. Application to bentgrass or hybrid bermudagrass turf that is under stress due to extreme high (>90°F) or low temperatures, disease infection, insect infestation or extremely high or low moisture conditions may cause transitory yellowing. *Poa annua* may be damaged at rates greater than 2.0 fluid ounces per acre.

Most creeping bentgrass and hybrid bermudagrass varieties are tolerant to QuickSilver T&O Herbicide applications; however, not all varieties of creeping bentgrass and hybrid bermudagrass have been fully evaluated. When applying QuickSilver T&O Herbicide to creeping bentgrass varieties other than Penncrest or Crenshaw or hybrid bermudagrass, it is recommended to first confirm tolerance by making an application to a small test area.

Cultural practices that favor the establishment of healthy bentgrass or hybrid bermudagrass will also help to displace moss that is suppressed by the QuickSilver T&O Herbicide treatment.

**Category 3: Used in combinations with phenoxy-type postemergence broadleaf herbicides**

Apply QuickSilver T&O Herbicide at rates of 0.9 to 1.5 fluid ounces of product per acre (0.021 to 0.034 fluid ounces per 1000 square feet) in tank-mix combinations with amines, esters, and salts of 2,4-D, dichlorprop, dicamba, mecoprop, MCPA and various combinations of these products for control of seedling and mature weeds listed in Category 1 plus the following:

**Canada thistle**
Old-world diamond-flower

**Carolina geranium**
Parsley-piert

**Common chickweed**
Perennial sowthistle

**Common groundsel**
Plantain ssp.

**Common ragweed**
Pickle sida

**Cutleaf eveningprimrose**
Red sorrel

**Dandelion**
Redstem filaree

**Dollarweed**
Spotted spurge

**Fleabane**
VA buttonweed

**FL buttery**
White clover

**Ground ivy**
Wild violet

**Heal all**
Yellow wood sorrel

**Henbit**

**Horseweed (Conyza Canadensis)**
Lawn burweed

**Lawn burweed**

**Canada thistle**
Old-world diamond-flower

**Carolina geranium**
Parsley-piert

**Common chickweed**
Perennial sowthistle

**Common groundsel**
Plantain ssp.

**Common ragweed**
Pickle sida

**Cutleaf eveningprimrose**
Red sorrel

**Dandelion**
Redstem filaree

**Dollarweed**
Spotted spurge

**Fleabane**
VA buttonweed

**FL buttery**
White clover

**Ground ivy**
Wild violet

**Heal all**
Yellow wood sorrel

**Henbit**

**Horseweed (Conyza Canadensis)**
Lawn burweed

**Lawm burweed**

**Conditions of Sale and Limitation of Warranty and Liability:**

**Notice:** Read the whole Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions beyond the control or FMC or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold FMC and Seller harmless for any claims relating to such factors.

**Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the Directions for Use when used in accordance with the directions under normal conditions of use. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, FMC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE, NOR ANY OTHER EXPRESS OR IMPLIED WARRANTIES WITH RESPECT TO THE SELECTION, PURCHASE, OR USE OF THIS PRODUCT. Any warranties, express or implied, having been made are inapplicable if this product has been used contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to (or beyond the control of) seller or FMC, and buyer assumes the risk of any such use.

To the extent consistent with law, FMC or seller shall not be liable for any incidental, consequential or special damages resulting from the use or handling of this product. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF FMC AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF FMC OR SELLER, THE REPLACEMENT OF THE PRODUCT.

This Conditions of Sale and Limitation of Warranty and Liability may not be amended by any oral or written agreement.

FMC - Trademark of FMC Corporation

Raindrop® - Trademark of Delevan Corporation

©2009 FMC Corporation