

Riverdale®

**CORSAIR™ SELECTIVE HERBICIDE**

**A Water Dispersible Granule**

**ACTIVE INGREDIENT:**

Chlorsulfuron: 2-Chloro-N-[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)  
aminiocarbonyl]benzenesulfonamide . . . . . 75%  
INERT INGREDIENTS: . . . . . 25%  
TOTAL . . . . . 100%

Corsair is a Trademark of Riverdale - A Nufarm Company  
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U.S. Patent 4,383,113

**KEEP OUT OF REACH OF CHILDREN  
CAUTION  
SEE INSIDE BOOKLET FOR FIRST AID  
AND ADDITIONAL PRECAUTIONARY STATEMENTS**

**EPA REG. NO.228-375 NET WEIGHT 2 OZ. EPA EST. NO. 228-IL-1**

**MANUFACTURED BY  
NUFARM AMERICAS, INC.  
BURR RIDGE, ILLINOIS 60527-0866**

For selective control of grassy and broadleaf weeds in turfgrass, including Sod Farms. Controls tall fescue, ryegrass, Virginia buttonweed, wild violets, chickweed, purslane, wild onion, wild garlic, and many other weeds.

(Inside Booklet)

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
CAUTION**

May irritate eyes, nose, throat, and skin. Avoid breathing dust or spray mist. Avoid contact with skin, eyes, and clothing. Remove and wash contaminated clothing before reuse.

**FIRST AID STATEMENT**

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

**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.

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15 to 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 to 20 minutes. Call a poison control center or doctor for treatment advice.

**PERSONAL PROTECTIVE EQUIPMENT(PPE):** Some of the materials that are chemical resistant to this product are listed below. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart. Applicators and other handlers must wear: Long-sleeved shirt, long pants, shoes, socks and chemical resistant gloves made of any waterproof material such as polyethylene or polyvinyl chloride. 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.

#### **USER SAFETY RECOMMENDATIONS**

USERS SHOULD: Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

#### **ENVIRONMENTAL HAZARDS**

Do not apply directly 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.

There are no grazing restrictions on Corsair.

#### **DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. READ ENTIRE LABEL BEFORE USING THIS PRODUCT. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.

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.

#### **AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Workers Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to Sod Farm uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 4 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is coveralls, socks, shoes and chemical resistant gloves made of any waterproof material.

#### **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. For Turf use (except Sod Farms), do not allow people (other than applicator) or pets on treatment area during application. Do not enter treatment areas until spray has dried.

## GENERAL INFORMATION

Corsair™ Selective Herbicide can be applied on all turfgrass species except tall fescue, ryegrass, and dichondra. Some discoloration or delayed greenup may occur on St. Augustinegrass, buffalograss, centipedegrass, zoysiagrass, or bahiagrass when Corsair is applied while grass is under environmental stress or during the spring transition period.

Corsair Selective Herbicide is a dispersible granule to be mixed in water and applied as a spot or broadcast spray treatment to certain species of established grasses. It is noncorrosive, nonflammable nonvolatile and does not freeze. Corsair rapidly inhibits growth of susceptible weeds. However, typical symptoms (discoloration) of dying weeds may not be noticeable for 1 to 3 weeks after application depending on growing conditions and weed susceptibility. Warm moist conditions following treatment promote the activity of Corsair while cold, dry conditions delay the activity of Corsair. Weeds hardened off by cold weather or drought stress may not be fully controlled. Degree of control and duration of effect depend on: a) rate used; b) weed spectrum; c) weed size; d) growing conditions at and following time of treatment; e) soil pH; f) precipitation; and g) soil organic matter content.

Corsair Selective Herbicide should be used only in accordance with the recommendations of this label. The manufacturer will not be responsible for losses or damages resulting from the use of this product in any manner not specifically recommended. User assumes all risks associated with such non-recommended use.

**IMPORTANT:** Do not use on food or feed crops. Injury to or loss of desirable trees or other plants may result from failure to observe the following: Do not apply (except as recommended), or drain or flush equipment on or near desirable trees or other plants, or on areas where their roots may extend, or in locations where the chemical may be washed or moved into contact with their roots. Do not apply where runoff water may flow onto agricultural land as injury to crops may result. Do not contaminate any body of water, including irrigation water. Do not use on walks, driveways, tennis courts, or similar areas. Prevent drift of spray to cropland and other desirable plants. Do not use on dichondra lawns or where violets or ryegrass are the desired species. Keep from contact with fertilizers, insecticides, fungicides and seeds. Following applications, the spray tanks should not be used for other than non-crop application. This is extremely important, as low rates of Riverdale Corsair can kill or severely injure most crops. See SPRAYER CLEANUP section.

Corsair Selective Herbicide is to be applied as a post-emergence treatment with a hand held or a boom sprayer to control perennial "bunch or clump" grasses such as tall fescue or ryegrass and many other weeds in actively growing established Kentucky Bluegrass, Fine Fescue, Bentgrass (when mowed over 1/2 inch in height), Bahiagrass, and Bermudagrass. For best results, apply Corsair when the desirable turf is not under any stress (i.e. heat or drought). Not for use on golf tees or greens. Do not apply to desirable Ryegrass turf. Adequate moisture by rainfall or irrigation is needed to activate the herbicide. Do not apply to soil saturated with moisture or during periods of intense heat. Use a non-ionic surfactant at a rate of 1/4 to 1/3 oz. per gallon of spray solution.

**Chemigation:** Do not apply this product through any type of irrigation system.

**RATES OF APPLICATION:** CORSAIR SELECTIVE HERBICIDE is to be applied as a spot application with a hand held spray or boom type sprayer. When spraying, only spray to wet the leaf blades. Over-application may result in temporary chlorosis of desirable grasses. Corsair may also suppress desirable grass growth and inhibit grass seedhead formation.

**SELECTION OF USE RATES:** Rate selection is based on weed species, weed size, and soil texture. Use the higher rates on established plants and on the fine textured soil and lower rates on smaller weeds and coarse textured soils. For low volume or controlled droplet application, mix Corsair according to application rates per acre. A repeat application may be necessary after 60 days.

Apply CORSAIR at a rate of 1.0 to 5.33 ounces per acre, equivalent to 0.25 lbs. a.i./A or 0.0057 lbs. a.i./1000 sq. ft. depending upon weed species. Use the low rate on soils with pH of 7.0 and above.

**Weeds Controlled at 1 oz./Acre:**

Annual Ryegrass	Henbit	Shepherdspurse
Annual Sowthistle	Pineappleweed	Smooth Pigweed

Common Chickweed	Prostrate Pigweed	Wild Mustard
Field Pennygrass	Redroot Pigweed	Yellow Rocket

**Weeds Controlled at 1 to 2 ounces /Acre:**

Buttercup	Filaree	Perennial Ryegrass
Common Speedwell*	Goldenrod	Purslane
Common Lambsquarter	Groundsel	Sweet Clover*
Dandelion*	Mouseear Chickweed	Wild Parsnip

**Weeds Controlled at 2 to 2.76 ounces /Acre:**

Bedstraw	Common Yarrow	Red Clover
Burclover	Common Mallow	Russian Thistle
Canada Thistle*	Curly Dock	Velvetgrass
Common Mullein*	Horsetail	White Clover
Common Cinquefoil	Prostrate Knotweed	Wild Carrot

**Weeds Controlled at 2.76 to 5.33 ounces /Acre:**

Broadleaf Plantain*	Smutgrass+	Wild Onion
Pennsylvania Smartweed	Tall Fescue+	Wild Violet+
Ragweed*	Virginia Buttonweed*+	Wild Garlic

\*To increase activity and spectrum of broadleaf weed control, CORSAIR can be tank mixed with 2,4-D, MCPP, DICAMBA, MCPA or TRICLOPYR at their lowest labeled rate for turfgrass. Follow all label precautions for use on turf. Apply with a non-ionic surfactant at a rate of 1/4 to 1/3oz. per gallon of spray solution.

+A second application 60 days after the first may be necessary.

#### HOW TO USE

**SPRAY PREPARATION:** Add Corsair to water and agitate or shake thoroughly to uniformly disperse the water dispersible granules. Agitate the tank before each application. Use the mixed spray within 72 hours if the tank pH is below 5.0. Corsair is more stable in high pH mixtures. Avoid application in low pH conditions. Do not mix with acid forming compounds.

**APPLICATION TECHNIQUE:** Apply Corsair with a sprayer until leaf blades are wet. DO NOT OVER APPLY. Do not allow spray to drift into adjacent plants or trees, as injury may occur. Extreme care must be taken to prevent drift.

**SPRAY VOLUME:** For hand held or backpack sprayers, mix the correct amount of Corsair to spray 1 gallon per 1,000 sq. ft. For larger tank and boom-type sprayers, mix the recommended amount of Corsair in a minimum of 20 gallons to cover one acre. Do not over apply. Use the low rate on soils with pH of 7.0 and above.

**AGITATION:** Thoroughly mix and agitate spray solution. An anti-foam agent may be used to avoid excessive foaming.

**SPRAYER CLEANUP:** Corsair is a very active compound at low rates. To thoroughly remove Corsair from the spray tank, drain and flush with water a minimum of 10 minutes including all hoses, booms, and nozzles. Fill tank half full of water and add 1 to 2 gallons of ammonia or 4lbs. of "Nutra-Sol" per 100 gallons of water. Fill tank and circulate for 15 minutes. Repeat procedure and rinse a final time with water. Clean nozzles and screens separately. Do not use the sprayer to treat any trees, shrubs, or ornamental plants after use with Corsair.

#### STORAGE AND DISPOSAL

**STORAGE:** Store product in original container only, away from other pesticides, fertilizer, food, or feed. Do not contaminate water, food or feed by storage or disposal.

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

**CONTAINER DISPOSAL:** Completely empty pack into application equipment. Then dispose of empty container in a sanitary landfill, by incineration, or by burning, if allowed by State and local authorities. If burned, stay out of smoke.

**NOTE TO BUYER:** Purchase of this material does not confer any rights under patents of countries outside of the United States.

**WARRANTY**

Riverdale warrants that this herbicide conforms to the chemical description on its label. When used in accordance with label directions under normal conditions, this herbicide is reasonably fit for its intended purposes. Since timing, method of application, weather, plant and soil conditions, mixture with other chemicals, and other factors affecting the use of this product are beyond our control, no warranty is given concerning the use of this product contrary to label directions or under conditions which are abnormal or not reasonably foreseeable. The user assumes all risks of any such use. (RV 112102)