



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

May 2, 2016

Vernell Stornes  
Regulatory Consultant  
Pro Serve, Inc.  
3390 Winbrook Dr  
Memphis, TN 38116

Subject: Notification per PRN 98-10 – Updating ‘Storage and Disposal’ language  
Product Name: Pronone Power Pellet Herbicide  
EPA Registration Number: 33560-41  
Application Date: 3/16/2016  
Decision Number: 515891

Dear Varnell Stornes:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped “Notification” and will be placed in our records.

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.

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If you have any questions, you may contact Nathan Mellor at 703-347-8562 or via email at [mellor.nathan@epa.gov](mailto:mellor.nathan@epa.gov).

Sincerely,

A handwritten signature in cursive script that reads "Heather Garvie".

Heather Garvie, Product Manager 24  
Fungicide and Herbicide  
Registration Division (7505P)  
Office of Pesticide Programs

# PRONONE® POWER PELLET HERBICIDE

| <i>Active Ingredient:</i>   | <i>By Wt.</i> |
|---|---------------|
| Hexazinone  |               |
| 3-cyclohexyl-6-(dimethylamino)-1-methyl-1,3,5-triazine-2,4-(1H,3H)-dione..... | 75%           |
| <i>Inert Ingredients:</i> .....   | 25%           |
| TOTAL:.....   | 100%          |

3 oz., 1 lb. 6 oz. or 5.5 lb.

EPA Est. No. 33560-TN-1 EPA Reg. No. 33560-41

**KEEP OUT OF REACH OF CHILDREN**



**DANGER PELIGRO**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail).

### FIRST AID

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lens, if present, after first five minutes, then continue rinsing. 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 treatment advice.

**IF SWALLOWED:** Call a poison control center or doctor for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by poison control center or doctor. Do not give anything by mouth to an unconscious person.

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

*\* Note to physician: Probable mucosal damage may contraindicate the use of gastric lavage*

**Emergency contact number: 901-332-7052**

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**Corrosive:** Causes irreversible eye damage. Wear protective eyewear (goggles, face shield, or safety glasses). Do not get in eyes, or on clothing. Harmful if swallowed. Wash thoroughly with soap and water after handling. Remove contaminated clothing and was clothing before reuse.

### PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear long-sleeved shirt and long pants and shoes plus socks, chemical resistant gloves made of any waterproof material and protective eyewear. 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. Do not store near food or feed products. Store out of the weather.

### 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 used by wildlife and aquatic life or for domestic and irrigation purposes. **Do not** apply where runoff is likely to occur.

The active ingredient, hexazinone, in this product is known to leach through soil into ground water under certain conditions as a result of agricultural use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

### NOTIFICATION

33560-41

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

05/02/2016

## GENERAL INFORMATION

Pro-Serve's PRONONE POWER PELLET HERBICIDE is a pellet of Hexazinone to be used for brush control in reforestation areas, rangeland pastures and non-cropland areas.

PRONONE POWER PELLET is an effective general herbicide providing residual control of many woody plants. It is absorbed through the roots.

Moisture is required to activate PRONONE POWER PELLETS in the soil. Best results are obtained when the soil is moist at time of application and ¼ to ½ inch of rainfall occurs within 2 weeks after application.

Woody plants usually respond within 3 to 6 weeks after sufficient rainfall has dissolved the pellet and carried the herbicide into the root zone where it is absorbed during periods of active plant growth. Defoliation and subsequent refoliation may occur, but susceptible plants are killed. The response to the treatment will vary with the amount applied, soil type, rainfall, timing and uniformity of application and other conditions.

## DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling. Pro-Serve, Inc. will not be responsible for losses or damages resulting from the use of this product in any manner not specifically recommended by Pro-Serve, Inc. User assumes all risk associated with such non-recommended use.

The correct use rates by crop and geographical area, specified on the label, and proper loading site considerations and application procedures must be followed to minimize potential for hexazinone movement into ground water. Consult with your state pesticide lead agency for information regarding soil permeability, aquifer vulnerability, and best management practices in your area.

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 Worker 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 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 48 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, chemical resistant gloves, shoes plus socks and protective eyewear.

## USE PRECAUTIONS

Injury or loss to desirable trees or other plants may result from failure to observe the following: **Do not** apply, 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. To prevent injury or loss of desirable trees or bushes, measure the distance from the base (trunk) to the dripline of the desirable plant. Multiply this distance by three and do not apply Power Pellets within this distance. Do not use on lawns, walks, driveways, tennis courts or similar areas. Prevent contact with desirable plants. Keep from contact with fertilizers, insecticides, fungicides and seeds.

**APPLICATION:** Apply PRONONE POWER PELLET HERBICIDE by hand to the soil around specific plants or in a grid pattern for area control.

Make application just before or during the period of active growth of brush species to be controlled. For effective brush control and prevention of damage of desirable vegetation do not apply to brush standing in water.

## **RANGELAND, PASTURE TREE AND BRUSH CONTROL**

**SINGLE STEMMES PLANTS:** For single stem plants, apply 1-2 pellets for every inch of stem diameter. When more than one pellet is needed, distribute the pellets uniformly around the stem out approximately half way between the stem and canopy edge.

**MULTI-STEMMED PLANTS:** For multi-stemmed plants such as Mesquite, Huisache and Multiflora Rose that are 2ft to 3ft tall, apply 1-2 pellets at the base of the plant. For plants 3ft to 6ft tall, apply 2-4 pellets at the base of the plant. For Red Berry Cedar (Juniper) apply 1-2 pellets for every 3ft of plant height or every 3ft of canopy diameter, whichever is greater. Apply pellets uniformly around the plant approximately halfway between the plant's stem and canopy edge.

**FENCE LINE TREE AND BRUSH CONTROL:** For the control of trees and brush in Pasture and Rangeland fences, apply 1 pellet in the fence line for every 3ft of fence length. For heavy infestations, double the rate to 1 pellet for every 1.5ft of fence length.

**SMUTGRASS CONTROL:** Apply 0.5-1 pellet per individual clump or plant. Apply by hand to the crown (center) of plant. Do not exceed 600 Power Pellets per acre per season. Power Pellets are not recommended for smutgrass control in pastures or rangeland where plant density exceeds 25% coverage. Application of Power Pellets in smutgrass infestations exceeding 25% can damage and/or kill surrounding grasses and forage.

**NOTE:** Do not apply more than 60 pellets per acre per season. Late winter to early summer application is recommended for best results. Do not mow or cut treated brush or trees until 12 months after application. When treating regrowth from cut-off trees and brush, the regrowth must be at least one year old and the rate of application based upon the original plant size. Do not use on marshy or poorly drained sites or on soils classified as clays. For these use sites, there is no restriction on grazing by domestic animals or on cutting forage for hay.

## **FORESTRY:**

PRONONE POWER PELLET HERBICIDE is recommended for use in forestry site preparation, preharvest control of hardwoods and pine release in pine-hardwood stands for growth enhancement of loblolly, slash, shortleaf and longleaf pine. The treatment provides control of many woody plants such as black cherry, blackgum\*, dogwood\*, elm, hawthorn, hickory\*, oaks, red maple\*, sweetgum and sumac\*.

*\*Considered hard to kill*

Apply at a rate of 1,700 to 5,800 pellets per acre for preharvest, site preparation, and wildlife openings, and 900 to 3,800 pellets per acre for pine release. Make the application using a grid pattern as suggested in the table below. **Do not** apply POWER PELLETS closer than 36" to seedlings or directly up slope from seedlings. When treating large stems and where more than one pellet is needed per stem, make application around the stem.

The rate per acre and grid pattern will depend on soil texture and woody plant species composition. Use the higher rates on fine-textured soils and when the major component of the hardwoods is a difficult-to-control species such as blackgum, dogwood, hickory and red maple.

Use the lower rates on medium to coarse texture soils where elm, cherry, oak and sweetgum are dominant. For individual stem treatment, apply the pellet to the soil within 3' of the root collar at the rate of 1 or 2 pellets for each 1" diameter of brush to be controlled.

When treating large stems and when more than one pellet is needed per stem, make application around the stem.

**TABLE OF SUGGESTED APPLICATION PATTERNS  
for PRONONE POWER PELLETS**

For Site Preparation and Preharvest Control  
of Hardwoods

| <u>Soil</u>             | <u>Grid Spacing (ft)</u> |                                |
|-------------------------|--------------------------|--------------------------------|
| Coarse                  | 1 Pellet                 | 5' X 5' or 4' X 5' or 4' X 4'  |
| Medium &                |                          |                                |
| Fine                    | 1 Pellet                 | 3' X 4" or 3' X 3' or 2½' X 3' |
| <u>For Pine Release</u> |                          | <u>Soil Grid Spacing (ft)</u>  |
| Coarse                  | 1 Pellet                 | 6' X 8"* or 5' X 6'            |
| Medium &                |                          |                                |
| Fine                    | 1 Pellet                 | 4' X 6'                        |

\*Use for deep sands with pines four years of age or older.  
NOTE: As spacing decreases, rate increases.

**SPECIES CONTROLLED:**

|                 |                           |                               |
|-----------------|---------------------------|-------------------------------|
| Alder           | Huisache                  | Red Maple                     |
| Ash             | Juniper                   | Small Soapweed ( <i>Yucca</i> |
| Aspen           | Locust                    | <i>Glauca</i> )               |
| Balsam Poplar   | Lotebush                  | Snowbrush                     |
| Birch           | Manzanita                 | Sourwood                      |
| Black Cherry    | Mesquite                  | Sumac                         |
| Blackgum        | Mulberry                  | Sweetbay                      |
| Catclaw, Acacia | Multiflora Rose           | Sweetgum                      |
| Deerbrush       | Myrtle                    | Tallow                        |
| Dogwood         | Oaks ( <i>except live</i> | Wild Cherry                   |
| Elm             | <i>oaks</i> )             | Wild Plum                     |
| Hackberry       | Osage orange              | Whitebrush                    |
| Hawthorn        | Persimmon                 | Whitethorn                    |
| Hazel           | Privet                    | Willow                        |
| Hickory         | Red Cedar                 | Yellow Poplar                 |

PRONONE POWER PELLET should be applied during the period from late winter (bud-break) to early summer (full leaf). DO NOT BURN treated sites after initial foliage browning is evident. Burn only after brush has completely defoliated, at least once, from sufficient root uptake of the herbicide. Inconsistent results may occur if the site is burned up to 3 to 6 months prior to treatment.

Results may be unsatisfactory where stump sprouts of less than one year's growth predominate.

NOTE: Use on 1-year old or 4-year old or older seedlings is acceptable; however, injury may result from use on 2 and 3-year old seedlings where root growth is extensive but hardiness is lacking. Do not graze domestic animals on treated areas within 60 days after treatment.

## GENERAL BRUSH CONTROL -

### NONCROPLAND:

PRONONE POWER PELLET HERBICIDE is recommended for brush control in noncropland areas such as utility, highway, pipeline and railroad rights-of-way, petroleum tank farms, lumberyards, storage areas, industrial plant sites, the berm of drainage ditches (do not apply to the inside of ditch banks or to the inside of banks along waterways) and other similar areas. Apply at 1-2 pellets per inch of stem diameter or as broadcast or grid pattern with rates up to 7,000 pellets per acre.

For multi-stemmed and low-growing brush that have stem diameters that are difficult to determine, apply at 1-2 pellets per 3' of canopy width. For tall, slender brush types, apply 2-4 pellets per 3' of height. Base rate on whichever canopy dimension is greater. If treating resprouts from brush disturbed by cutting, the rate of application should be based on the original tree size, not the small regrowth.

**NOTE:** At rates greater than 5,000 pellets per acre, do not cut forage or hay nor graze domestic animals on treated areas for 1 year. At rates between 600 to 5,000 pellets per acre do not cut for forage or hay nor graze domestic animals on treated areas for 60 days. At rates below 600 pellets per acre, there is no restriction on grazing by domestic animals nor on cutting for forage or hay.

**Pro-Serve, Inc.**  
3390 Winbrook Drive  
Memphis, TN 38116  
901-332-7052

## STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Avoid contact with floor and moisture.

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

**CONTAINER DISPOSAL:** Non-refillable container. Do not refill or reuse container. Completely empty container by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then offer for recycling, if available, or dispose of container in a sanitary landfill or by incineration if allowed by State and Local authorities.

### NOTICE OF WARRANTY

Pro-Serve warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with directions under normal use conditions. It is impossible to eliminate all risk inherently associated with use of this product.

In-effectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Pro-Serve, Inc. In no case shall Pro-Serve, Inc. be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by buyer. Pro-Serve makes no warranties of merchantability or fitness for a particular purpose nor any other express or implied warranty except as stated above.

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