



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

July 15, 2020

Audra M. Star
Director of Regulatory
Bonide Products LLC
6301 Sutliff Road
Oriskany NY 13424

Subject: Notification per PRN 98-10 – Added two Alternate Brand Names and marketing claims to label
Product Name: BONIDE® KLEENUP CONCENTRATE
EPA Registration Number: 4-497
Application Date: March 12, 2020
Decision Number: 562134

Dear Ms. Star:

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.

The two alternate brand names have been added to the product record.

- **KleenUp® II Weed & Grass Killer 41% Super Concentrate**
- **Bonide KleenUp® II Weed & Grass Killer 41% Super Concentrate**

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.

If you have any questions, please contact Aleah Holt at 703-347-0482 or by email at holt.aleah@epa.gov.

Sincerely,

Emily Schmid

Emily Schmid, Product Manager 25
Herbicide Branch
Registration Division (7505P)
Office of Pesticide Programs

{Text in braces indicates note to reviewer}

[Text in brackets is optional]

{FRONT PANEL}

BONIDE® KleenUp Concentrate

{Additional Brand Names:} [Bonide KleenUp® Weed & Grass Killer 41% Super Concentrate] [KleenUp® Weed & Grass Killer 41% Super Concentrate; Bonide KleenUp® Concentrate Weed & Grass Killer EZ Enough, KleenUp® II Weed & Grass Killer 41% Super Concentrate, Bonide KleenUp® II Weed & Grass Killer 41% Super Concentrate]

ACTIVE INGREDIENT:

*Glyphosate, isopropylamine salt41.0%

OTHER INGREDIENTS:.....59.0%

TOTAL:.....100.0%

*Acid equivalent or glyphosate content = 30.34%. Equivalent to 356 grams per liter or 3 pounds per U.S. gallon of the acid, glyphosate.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See back (side) panel (booklet) for additional Precautionary Statements and First Aid

Net Contents: _____ Fl. Oz. (_____ mL)

{BACK/SIDE/OTHER PANELS OR BOOKLET}

FIRST AID	
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present after first 5 minutes, then continue rinsing eyes. • Call a poison control center or doctor for additional treatment advice.
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For emergency medical treatment information, you may contact the National Pesticide Information Center at 1-800-858-7378, 6:30AM TO 4:30pm Pacific Time (PT), seven days a week. During other times, call the Poison Control Center at 1-800-222-1222.</p>	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

EPA File Symbol 4-497
Notification 3-12-2020

NOTIFICATION

4-497

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:

7/15/2020

CAUTION: Harmful if absorbed through the skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS

To protect the environment, do not allow this product to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For household use only. Shake well before use.

Use Restrictions:

- Keep children and pets away from treated areas until spray has dried.
- Do not allow contamination of food.
- Do not contaminate water supplies.

IMPORTANT: READ ENTIRE LABEL. USE ONLY IN ACCORDANCE WITH LABEL INSTRUCTIONS. Application of this product will kill almost all plants contacted. Do not allow this product to contact leaves, green stems, or exposed roots of desirable lawn grasses, plants, shrubs, or trees – they will be damaged or killed. Spray when air is calm. If spray contacts desirable foliage, immediately rinse the foliage with water. Use cardboard or plastic to shield desirable plants from spray drift. Do not mow, cut or otherwise disturb treated vegetation for at least 7 days following application.

Control Annual Weeds and Grasses including: Annual Bluegrass, Annual Ryegrass, Barnyardgrass, Beggarweed, Black Medic, Blue Medic, Blue Toadflax, Brassbuttons, Blue Mustard, Buttercup, Bromegrass, Bur Clover, Cheeseweed, Chickweed, Clover, Common Groundsel, Common Lambsquarters, Common Plantain, Common Ragweed, Crabgrass, Creeping Beggarweed, Diffuse Lovegrass, Dog Fennel, Evening Primrose, False Dandelion, Fiddleneck, Fall Panicum, Fennel, Field Pennycress, Field Sandbur, Filaree, Florida Pusley, Foxtail, Goosegrass, Garden Spurge, Green Foxtail, Hemp Sesbania, Horseweed/marestail, Ironweed, Henbit, Knotweed, Lambsquarters, Little Bittercress, London Rocket, Maiden Cane, Mallow, Mayweed, Mouseear Chickweed, Oxalis, Pennsylvania Smartweed, Pennywort, Pigweed, Prickly Lettuce, Prostrate Spurge, Puncture Vine, Purslane, Redroot Pigweed, Sandspur, Shepherdspurse, Smartweed, Smooth Catsear, Smooth Pigweed, Sowthistle, Spotted Spurge, Spurges, Tansy Ragwort, Tansy Mustard, Teaweed, Texas Panicum, Tumble Mustard, Velvetleaf, Sprangletop, Witchgrass, Wild Geranium, Wild Mustard, Yellow Nutgrass, Yellow Oxalis.

Control Brush, Perennials and Other Hard to Control Weeds and Grasses including: Alder, Artichoke Thistle, Bahiagrass, Barnyardgrass, Bentgrass, Bermudagrass, Blackberries, Bluegrass, Broadleaf Plantain, Brownseed Paspalum, Buckhorn Plantain, Bull Thistle, Canada Thistle, Cattail, Ceanothus, Centipedegrass, Cherry species, Cocklebur, Cogongrass, Common Mullein, Common Ragweed, Coralbead, Coyote Brush, Creeping Bentgrass, Creeping Charlie, Creeping Lantana, Curly Dock,

Dallisgrass, Dandelion, Dewberry, Dog Fennerl, Elderberry, False Dandelion, Fescue species, Field Bindweed (Wild Morningglory), Guineagrass, Hairy Crabgrass, Honeysuckle, Horsenettle, Horseradish, Iceplant, Johnsongrass, Kentucky Bluegrass, Kikuyugrass, Knapweed, Knawel, Kudzu, Lantana, Maiden Cane, Milkweed, Mousseear Chickweed, Multiflora Rose, Nightshade (silverleaf), Nimblewill, Nutsedge, Oak species, Oldenlandia, Orchardgrass, Oxalis, Pampasgrass, Pennywort, Perennial Ryegrass, Plantain, Poison Hemlock, Poison Ivy, Poison Oak, Primrose, Purple Cudweed, Purple Nutsedge, Quackgrass, Quaking Aspen, Ragweed, Raspberry, Red Clover, Smooth Bromegrass, Sourdock, Sowthistle, St. Augustinegrass, Sumac, Tall Fescue, Tansy Ragwort, Thistle, Timothy, Torpedograss, Trumpetcreeper, Vaseygrass, Virginia Creeper, White Clover, Whitetop, Wild Barley, Wild Oats, Wild Sweet Potato, Willow, Yarrow, Yellow Nutgrass, Yellow Starthistle, Zoysia.

Where to Use

Use outdoors on **patios, paths, walkways, driveways, sidewalks, mulch**, and around **fences and buildings**; around **fruits, fruit and nut trees, grapevines, and vegetables**; in and around **flower beds and gardens**, and around **ornamental shrubs and trees**; and to trim and edge **landscape areas**. Use this product to **renovate lawns** and **prepare new garden plots**. Do not use for spot weed control in lawns; this product kills all green plants, including lawn grasses.

When to Use

Use anytime unwanted weeds and grasses are actively growing. Apply when daytime temperature is above 60°F, when air is calm, and when rainfall is not expected within 24 hours. Warm sunny weather will speed up weed control. Apply when the wind is calm. Reapply if rain or watering occurs within 6 hours after application. Hard-to-control weeds and grasses (such as bermudagrass) may require a repeat application in 10-14 days.

How to Use

To apply this product, use a plastic, aluminum or stainless steel tank sprayer; hose-end sprayer recommended for weed killers; or handtrigger sprayer. Do not use or store solutions of this product in galvanized steel or unlined steel sprayers, or apply through any type of irrigation system, or apply with a sprinkling can. Rinse sprayer and flush all sprayer components with water 3 times after use. Spray rinse water on bare soil or gravel. After a very thorough cleaning, sprayer may be used to apply other products.

Refer to the Application Rate and Coverage Chart below to determine the amount of this product to use. Use mixed spray within 2 weeks.

Spot Treatment: Using a coarse droplet spray, carefully spray unwanted foliage until wet.

Garden Plot Preparation: To prepare areas for planting of ornamentals, trees, shrubs, desert landscapes, rock gardens, flower beds or similar plantings, apply this product as directed for Spot Treatment or Brush Control. Treated areas can be replanted as soon as 1 day after treatment. For best results, remove dead foliage before replanting.

Lawn Renovation: To kill existing weeds and grasses in lawns, apply when lawn is actively growing. Best results will be obtained in the Spring or Fall, when daytime temperatures are at least 60°F. Under dry conditions, prepare lawn by watering every other day for a week before using this product. Do not mow

for 7 days before or after treatment. After 7 days, prepare the soil for planting by raking or rototilling the lawn. Rake up and remove loosened thatch or debris. Mix in starter fertilizer and other amendments and level soil, as needed. Apply seed according to package directions, or install sod. Keep area moist until new lawn is well established.

Brush Control: Treat unwanted brush when it is green and growing. If brush is more than 5 feet tall, cut it back to the base and spray regrowth. Brush sprayed in the fall may not be fully controlled until the following season. Hard-to-control brush (such as blackberry, kudzu, or poison ivy) may require a second application in 30 days.

To Kill Vines: If unwanted vines are growing up a pole, fences or mature tree trunk, cut vines to a height of 3 to 4 feet and spray to thoroughly cover the remaining foliage. If vines are climbing a shrub or immature (green) tree trunk, cut vines at the base and spray regrowth. Protect desirable shrubs and tree trunks from spray drift with cardboard or plastic.

Stump Treatment: Treat unwanted woody brush and trees (such as alder, bluegum, eucalyptus, madrone, oak, giant reed, saltcedar, sweetgum, and tanoak) when actively growing. Cut the unwanted woody vegetation close to the soil surface, make holes in cut surface of the stump using a nail or drill, and immediately (within 5 minutes) flood the cut surface with undiluted product. Use the product straight from the bottle, do not dilute. **IMPORTANT:** Stump treatment may result in injury to nearby non-treated vegetation with shared root systems. Adjacent vegetation of a similar age, height and spacing may signal a shared root system.

APPLICATION RATE & COVERAGE CHART			
SPRAYER	AMOUNT OF THIS PRODUCT TO USE for Annual Weeds and Grasses	AMOUNT OF THIS PRODUCT TO USE for Brush, and Perennials and other Hard-to-Control Weeds and Grasses	AREA TO TREAT
Tank Sprayer	1-1/2 fl. oz. in 1 gallon water	2-1/2 fl. oz. in 1 gallon water	300 sq. ft. (30' x 10')
Hose-End Sprayer	Add 1-1/2 fl. oz. to sprayer jar. DO NOT ADD WATER. Set dial to 1-1/2 fl. oz. setting and spray	Add 2-1/2 fl. oz. to sprayer jar. DO NOT ADD WATER. Set dial to 2-1/2 fl. oz. setting and spray	300 sq. ft. (30' x 10')
Handtrigger Sprayer	0.3 fl. oz. in 24 fl. oz. water	½ fl. oz. in 24 fl. oz. water	Use for spot treatment of single weeds

[Refill Directions]

[Optional Mixing Instructions – For Refill Bottles]

{Note to PM: The following instructions are intended for 1.5 fl oz - 5 fl. oz. [8.5 fl. oz.] bottles that can be used to make 1 gal. [1.33 gal.] in either Bonide KleenUp Ready to Use or tank sprayers for treatment of either Annual Weeds and Grasses or for brush, and perennials and other Hard-to-Control Weeds and Grasses}

[Instructions] For refill of 1 gallon [1.33 gallon] jug:

[1 bottle] [1.5 fl. oz.] [2 fl. oz.] [2.5 fl. oz.] [3.3 fl. oz.] [equals] [=] [makes] [1 gallon] [1.33 gallons]

AMOUNT TO USE: For broadcast application.

- Add entire contents [1.5 fl. oz.] [2 fl. oz.] [2.5 fl. oz.] [3.3 fl. oz.] to a 1 gallon [1.33 gallon] Bonide KleenUp RTU [product name] [EPA Reg. No. X-XXX] container or an empty tank sprayer only.
- Slowly fill [with] [to the fill line indicator] 128 fl. oz. for 1 gallon [170 fl. oz. for 1.33 gallon] of [clean] tap water. Apply to 300 sq. ft. [399 sq. ft.]

FOR [Product Name] [UNIT DOSE] [SINGLES] [EZ Enough]: {Note to Reviewer: This is referring to optional packaging in a 1.5 fl. oz. – 3.3 fl. oz. size}

[For 1 gallon Tank Sprayer:]

- Add entire contents [of 1 bottle] [1.5 fl. oz.] [2.5 fl. oz.] to an empty 1-gallon tank sprayer. Slowly fill with 1 gallon of clean tap water. Apply to 300 sq. ft.

[For 1.33 gallon Tank Sprayer:]

- Add entire contents [of 1 bottle] [2 fl. oz.] [3.3 fl. oz.] to an empty 1.33 gallon tank sprayer. Slowly fill with 1.33 gallon of clean tap water. Apply to 399 sq. ft.

FOR [This product] [Name of bottle] [EZ Enough]: {Note to Reviewer: This is referring to optional packaging in a 1.5 fl. oz. – 8 fl. oz. size. This bottle has a child resistant cap and a viewing window which indicates amount of product dispensed.}

To refill 32 ounce Sprayer:

- Remove Cap. Reference window that shows how much of product is in the bottle. Add [squeeze] $\frac{1}{3}$ to $\frac{2}{3}$ fl. oz. to an empty 32 ounce sprayer [Product name]. Slowly fill with 32 ounces of [clean] tap water. Apply to 75 sq. ft.

For 1 gallon Sprayer:

- Remove Cap. Reference window that shows how much of product is in the bottle. Add [squeeze] [1.5 fl. oz.] or [2.5 fl. oz.] to an empty 1 gallon sprayer or [Product name]. Slowly fill with 1 gallon of [clean] tap water. Apply to 300 sq. ft.

WHEN TO RE-SEED OR REPLANT TREATED AREAS

This product kills weeds by stopping the production of a substance found in plants. Any of this product not absorbed by the plant breaks down into natural materials. This product does not move in or on the soil or build up in the soil to hurt desirable plants growing nearby.

- All ornamental flowers, trees and shrubs may be reseeded or planted 1 day after treatment.
- The following berries may be planted 1 day after application: Blackberry, Blueberry, Boysenberry, Cranberry, Currant, Dewberry, Elderberry, Gooseberry, Huckleberry, Loganberry, Ollalieberry, and Raspberry (black and red).
- The following fruits, vegetables, and herbs may be planted 1 day after application: Artichoke (Jerusalem), Beans (all), Beet Greens, Broccoli, Brussels Sprouts, Cabbage (all), Carrot, Cauliflower, Celery, Chard (Swiss), Chicory, Collards, Endive, Horseradish, Kale, Kohlrabi, Leek, Lentils, Lettuce, Mustard Greens, Okra, Onion, Rape Greens, Parsley, Parsnips, Potato, Turnip, and Yams.
- The following fruits, vegetables, and herbs may be planted 3 days after application: Corn, Cucumber, Eggplant, Garlic, Gourds, Melons (all), Peas (all), Peppers (all), Pumpkin, Squash (summer and winter), Tomatillo, Tomato (by seed), and Watercress.
- Lawn grasses (from seed or sod) may be planted 7 days after application.
- Tomatoes (from transplant) and unlisted fruits, vegetables and herbs may be planted 30 days after application.

When to Harvest

If this product is used to control weeds around fruit or nut trees, caneberries, or grapevines, wait 17 days before eating the fruit or nuts.

{OR alternate statement}

[If this product is used to control weeds around fruits or nuts, wait the following number of days before harvesting:

- Citrus (Citron, Grapefruit, Kumquat, Lemon, Lime, Mandarin, Orange, Pummelo, Tangelo, Tangerine), Guava, Papaya – 1 day.
- Nuts (Almond, Beechnut, Brazil Nut, Butternut, Cashew, Chestnut, Filbert, Hazelnut, Hickory Nut, Macadamia, Pecan, Pistachio, Walnut – 3 days.
- Apple, Avocado, Banana (Plantains), Berries, Dates, Figs, Grapes, Loquat, Passion Fruit, Pear, Persimmon, Pomegranate, and Quince – 14 days.
- Apricot, Cherries, Nectarine, Olives, Peach, Plum, and Prunes – 17 days.

STORAGE AND DISPOSAL

STORAGE: Store product away from direct sunlight, in original container in a locked storage area out of reach of children and pets. Keep from freezing. Store and transport in an upright position.

PESTICIDE DISPOSAL: If Partly Filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

CONTAINER HANDLING: Nonrefillable container. Do not reuse or refill this container. **If Empty:** Place in trash or offer for recycling if available.

NOTICE: To the extent consistent with applicable law, buyer assumes all responsibility for safety and use not in accordance with directions. Product guaranteed to the extent of purchase price, only when used according to label directions.

BONIDE PRODUCTS, LLC
6301 Sutliff Road
Oriskany, NY 13424
EPA Reg. No. 4-497
EPA Est. 4-NY-1
{batch code inserted at production}
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{Optional Marketing Statements – which may appear on front or other label panels:}

- [Company logo: TRUSTED SINCE 1926 BONIDE®
- Kills grass and weeds around flower beds, trees, shrubs and sidewalks
- Can be used OVER the root zone of trees, shrubs or desirable plants
- Starts working in 24 hours!
- See results in 24 hours!
- Water-based
- Kills to the root!
- Ready-To-Use, No Mixing
- Kills weeds and grasses
- Use as a spot treatment along sidewalks, fences, driveways, and patios
- Before – After {captions for illustrations}
- Kills over ___ types of weeds (insert number listed on market label)
- Quick and easy to use
- Replant treated areas in as little as one day
- Rainproof in 6 hours
- One application [controls] kills most weeds
- Kills even the tough weeds in 1 to 2 weeks, roots and all.
- This container treats approximately 300 weeds [per quart], 1000 weeds [per gallon]
- This container covers approximately XXX sq. ft. {varies depending on container size}
- Kills to the root so weeds won't grow back
- Use as a spot treatment around flower beds, fruit trees, ornamentals
- Kills weeds in flower beds and around fences, trees, driveways, walkways and shrubs, in and around patios, paths, sidewalk cracks
- Contains Glyphosate
- Kills undesirable weeds and grasses
- Use around flower beds, trees and shrubs
- Will not build up in soil to hurt desirable plants growing nearby
- Use as a spot treatment around flower beds, fruit trees, ornamentals, vegetables and garden sites]
- [1 pint] makes up to 10 ½ gallons
- [1 quart] makes up to 21 gallons
- [½ gallon] makes up to 42 gallons
- [1 gallon] makes up to 85 gallons
- [2 1/2 gallons] makes up to 210 gallons

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- Use to prepare sites for large plantings, for planting flower beds, for planting fruit trees, ornamentals, vegetables, garden sites, and to renovate lawns.
- Lawns can be planted 7 days after application
- Ornamental gardens can be reseeded or planted 1 day after treatment
- Kills weeds, grasses & brush