

**Fast
Acting**

BioSafe
Systems

BioSafe Weed & Grass Killer[®]

RTU

BROAD SPECTRUM NON-SELECTIVE HERBICIDE

For Organic Gardening

Active Ingredient:

Ammonium Nonanoate:5.00%

Other Ingredients:95.00%

Total:100.00%

BioSafe Weed & Grass Killer RTU contains
0.42 lbs. of ammonium nonanoate per US gallon.

**KEEP OUT OF
REACH OF CHILDREN
CAUTION**

NET CONTENTS:
24 fl. oz. (.709 L)

1837-24-F VS



BioSafe Weed & Grass Killer®

RTU

24h **VISIBLE RESULTS WITHIN 24 HOURS**

**For control or burndown
of weeds and grasses**

**Ideal for spot weed control around
ornamental trees, bushes and flowers**

FIRST AID

If in eyes • Hold eye open and rinse slowly and gently with water for 15–20 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 inhaled** • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice. **If on skin or clothing** • 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. **HOTLINE NUMBER** Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For emergency information on BioSafe Weed & Grass Killer RTU, call the National Pesticides 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.

See inside for additional precautionary statements and directions for use.



LABEL #1837-24-B

V5

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**FOR RESIDENTIAL USE
NOT FOR FOOD USE**

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS Caution. Harmful if 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 and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS For terrestrial uses only: This pesticide is toxic to fish and aquatic invertebrates. Use care when applying in areas adjacent to any body of water. Do not apply directly to water, 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 washwater or rinsate. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. This product is toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product if bees are visiting the treatment area.

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 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 State/Tribal agency responsible for pesticide regulation.

METHODS OF USE AND GENERAL APPLICATION INSTRUCTIONS

General Instructions: Use BioSafe Weed & Grass Killer RTU for contact spray or burndown of weeds and grasses for ornamentals, turf, landscapes, interiorscapes, greenhouses, non-crop areas on residential sites.

BioSafe Weed & Grass Killer RTU is a contact non-selective herbicide for spray application only to undesirable plant growth. Do not allow spray to contact any green plant parts of desirable plants. BioSafe Weed & Grass Killer RTU provides control and burndown suppression of annual and perennial broadleaf and grass weeds. Spore producing plants such as mosses and liverworts are also controlled. The amount of burndown and the duration of weed suppression may be reduced when weed growth conditions are unfavorable or when plants are mature.

BioSafe Weed & Grass Killer RTU is a non-volatile and water-soluble herbicide for foliar application to weeds. Complete and uniform coverage of weeds by the spray solution is required for the best weed control. Plant foliage will change from a green color to brown/black necrotic tissue within one to two hours after spray application. BioSafe Weed & Grass Killer RTU effect on plant tissue may be more rapid in warm weather than in cold conditions. However, weed control is normally unaffected by temperature.

BioSafe Weed & Grass Killer RTU is a soap product which penetrates the cell walls of plants to disrupt

the cellular organization of physiological functions which are compartmentalized by membranes within the cell walls. Plant growth ceases when cellular contents are mixed and brown necrotic plant tissue is formed.

BioSafe Weed & Grass Killer RTU does not migrate through the soil and is not translocated in plants. **To ensure satisfactory control, plant leaves must be thoroughly and uniformly covered with the spray solution.** BioSafe Weed & Grass Killer RTU does not provide any residual weed control in soil to affect germinating weed seeds.

Application Instructions: BioSafe Weed & Grass Killer RTU is completely soluble in water. No shaking or agitation is required.

During application, some foaming may occur; however, weed control is not reduced if the foam is deposited on the plant surface and is not blown away as drift.

Apply BioSafe Weed & Grass Killer RTU when weed surfaces are dry.

Application Precautions:

- Do not apply to weeds when wet from dew, rain or irrigation.
- Do not irrigate within 2 hours after application.
- Do not apply if rainfall is expected within 2 hours.

Difficult to control weeds may require several applications for complete control.

Hand-Held Spray Application The amount of weed vegetation will determine the spray volume required for complete coverage of undesired plants (weeds). Weed vegetation conditions that affect spray coverage are number of weeds present, leaf shape, weed size and weed species. Thorough saturation of the foliage and stems is required for control. Apply sprays until run-off from weed leaves occurs. Use low spray pressure to reduce foaming and avoid contact with desirable plants.

Directed Spray Application Use a shielded sprayer to prevent spray contact on desirable plants. Avoid spray contact of green plant stems or green bark of young trees and shrubs.

Some visible foam may appear on the leaves as the plants are sprayed. Repeat applications as often as necessary to obtain desired control.

Use Methods Determine the weed control situation and select the use method required as follows:

A. Vegetative burndown: Broadcast spray for weed control for no-till planting or seedbed preparation to control weeds prior to seeding or transplanting. Spot sprays may be used in crops, ornamentals, pastures and turf.

B. Directed and shielded sprays:

Spray nozzle type or configuration for directed spray or a shield placed around the nozzle to prevent spray contact on the foliage or green stems or bark. Directed/shielded spray applications to area between plastic mulch strips and staked crops for weed control.

Weeds controlled or suppressed by BioSafe Weed & Grass Killer RTU:

Algae, Bittercress (hairy), Chickweed (common), Chickweed (mouse-ear), Cocklebur (common), Corn spurry, Cudweed, (purple), Groundsel, Lambsquarters (common), Liverwort, Marestalk or Horseweed rosettes, Morningglory (annual), Moss, Mustards, Oxalis or Woodsorrel, Pansy (wild), Plantain, Pigweed (smooth and red-root), Mallow (roundleaved), Moneywort, Shepherdspurse, Sorrel (sheep), Spurge (spotted), Field pennycress, Velvetleaf

Grass and Other Weeds: Bentgrass (colonial), Bluegrass (annual), Crabgrass (large), Fescue (creeping red), Fescue (hard), Nimblewill, Onion (wild), Ryegrass (perennial), Star-of-Bethlehem

Weeds Moderately Difficult to Control: Bermudagrass (Wireweed), Dandelion, Nutsedge, (yellow), Ragweed (common)

STORAGE AND DISPOSAL

PESTICIDE STORAGE: Store in original containers in a cool, well-vented area, away from direct sunlight. Do not allow product to become overheated in storage. This may cause increased degradation of the product, which will decrease product effectiveness. In case of spill, flood area with large quantities of water. Do not store in a manner where cross-contamination with other pesticides or fertilizers could occur. **PESTICIDE DISPOSAL AND CONTAINER**

HANDLING: Nonrefillable container. Do not reuse or refill this container. If empty: Do not reuse this container. 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.

WARRANTY

This material conforms to the description on the label and is reasonably fit for the purposes referred to in the directions for use. To the fullest extent permitted by law, the seller shall not be liable for timing, unfavorable temperatures, water conditions, presence of other materials, method of application, weather, watering practices, nature of soil, disease problem, condition of crop, incompatibility with other chemicals, pre-existing conditions and other conditions influencing the use of this product. To the fullest extent permitted by law, buyer assumes all risks associated with the use, storage, or handling of this material not in strict accordance with directions given herewith. To the fullest extent permitted by law, NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY IS MADE.



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Always read and follow label directions. V5-121318