

70299-24

3/12/2012

1/7



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Biopesticides and Pollution Prevention Division (7511P)
1200 Pennsylvania Avenue NW
Washington, DC 20460

EPA Reg. Number:

70299-24

Date of Issuance:

MAR 12 2012

Term of Issuance: UNCONDITIONAL

Name of Pesticide Product:

AXXE Ready to Use Herbicide

NOTICE OF PESTICIDE:

X Registration
 Reregistration
(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

BioSafe Systems, LLC
22 Meadow Street
East Hartford, CT 06108

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This registration does not eliminate the need for continual reassessment of the pesticide. If the EPA determines at any time, that additional data are required to maintain in effect an existing registration, the Agency will require submission of such data under section 3(c)(2)(B) of FIFRA.

This product is registered in accordance with FIFRA section 3(c)(5) and is subject to the following terms and conditions:

1. Submit and/or cite all data required for registration of your product under FIFRA section 3(c) (5) when the Agency requires all registrants of similar products to submit such data.
2. Revise the EPA Registration Number to read EPA Reg. No. "70299-24" before this product is released for shipment.
3. Submit two (2) copies of the final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

If these conditions are not complied with, this registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Signature of Approving Official:

W. Michael McDavit
W. Michael McDavit, Associate Director,
Biopesticides and Pollution Prevention Division

Date:

MAR 12 2012

2/17

AXXE Ready to Use Herbicide

Non-selective Herbicide

For contact spray control or burndown of weeds and grasses for ornamentals, turf, landscapes, interiorscapes, greenhouses, non-crop areas on residential sites

FOR HOMEOWNER USE
NOT FOR FOOD USE

FOR ORGANIC GARDENING

ACCEPTED

MAR 12, 2012

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 70299-24

ACTIVE INGREDIENTS: Ammonium Nonanoate...5.00%
OTHER INGREDIENTS:..... 95.00%
TOTAL: 100.00%

AXXE Ready to Use Herbicide contains 0.42 lbs. of ammonium nonanoate per U.S. gallon

KEEP OUT OF REACH OF CHILDREN

CAUTION

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	<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 the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If inhaled	<ul style="list-style-type: none"> • 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	<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.
HOT LINE 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 AXXE Ready To Use Herbicide, 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.	

EPA Registration No. (pending as File Symbol 70299-XX) **Batch Code** _____
EPA Establishment No. 064784-OK-001

Produced for:
BioSafe Systems, LLC
22 Meadow St.
East Hartford, CT 06108
(888) 273-3088
Net Contents: 1 quart, 1 gallon, 2.5 gallon

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:

AXXE Ready to Use Herbicide 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. AXXE Ready to Use Herbicide 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.

AXXE Ready to Use Herbicide 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. AXXE Ready to Use Herbicide effect on plant tissue may be more rapid in warm weather than in cold conditions. However, weed control is normally unaffected by temperature.

AXXE Ready to Use Herbicide 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.

AXXE Ready to Use Herbicide 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.** AXXE Ready to Use Herbicide does not provide any residual weed control in soil to affect germinating weed seeds.

Application Instructions:

AXXE Ready to Use Herbicide 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 AXXE Ready to Use Herbicide 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.

PESTS

- I. Weeds controlled or suppressed by AXXE Ready to Use Herbicide:

COMMON NAMES	TAXONOMIC NAMES
Broadleaf Weeds:	
Algae	Gloeocapsa magma
Bittercress, hairy	Cardamine hirsuta
Chickweed, common	Stellaria media
Chickweed, mouse-ear	Cerastium vulgatum
Cocklebur, common	Xanthium strumarium
Corn spurry	Spergula arvensis

5/7

Cudweed, purple
 Groundsel
 Lambsquarters, common
 Liverwort
 Marestalk or Horseweed rosettes
 Morningglory, annual
 Moss
 Mustards
 Oxalis or Woodsorrel
 Pansy, wild
 Plantain
 Pigweed, smooth and redroot
 Mallow, roundleaved
 Moneywort
 Shepherdspurse
 Sorrel, sheep
 Spurge, spotted
 Field pennycress
 Velvetleaf

Gnaphalium purpureum
 Senecio spp.
 Chenopodium album
 Machantia spp.
 Conyza canadensis
 Ipomoea spp.
 Bryophyta
 Brassica spp.
 Oxalis stricta
 Viola tricolor
 Plantago spp.
 Amaranthus spp.
 Malva spp.
 Lysimachia nummularia
 Capsella bursa-pastoris
 Rumex acetosella
 Euphorbia maculata
 Thlaspi arvense
 Abutilon theophrasti

Grass and Other Weeds:

Bentgrass, colonial
 Bluegrass, annual
 Crabgrass, large
 Fescue, creeping red
 Fescue, hard
 Nimblewill
 Onion, wild
 Ryegrass, perennial
 Star-of-Bethlehem

Agrostis tenuis
 Poa annua
 Digitaria sanguinalis
 Festuca rubra
 Festuca ovina
 Muhlenbergia scheberi
 Allium canadense
 Lolium perenne
 Ornithogalum nutans

II. Weeds Moderately Difficult to Control:

Bermudagrass (Wireweed)
 Dandelion
 Nutsedge, yellow
 Ragweed, common

Cynodon dactylon
 Taraxacum officinale
 Cyperus esculentus
 Ambrosia artemisiifolia

6/7

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or 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:

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.

Container Disposal:

Nonrefillable container. Do not reuse or refill this container. If empty: place in trash or offer for recycling if available.

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.

7/7

Optional Label Claims:

- Non-residual herbicide
- Non-selective herbicide
- For control or burn down of a broad spectrum of weeds, mosses on contact.
- For control of unwanted vegetation
- Easy to use
- Fast acting
- Weed and grass killer
- Acts on contact
- Broad spectrum
- Visible results within 24 hours
- Inactivated on contact with soil
- Will not leach through the soil to harm desirable plants
- Leaves no harmful residues
- Non - selective herbicide
- Effective weed and grass control
- Grass and weed knockdown
- Eliminates vegetation and leaves area weed free
- Ideal for spot weed control around ornamental trees, bushes and flowers
- Ideal for trimming and edging along walkways, driveways, trees and landscaping beds
- For control or burndown of a broad spectrum of weeds on contact
- For non-selective control of herbaceous broadleaf weeds, and grasses
- For control or burndown of weeds and grasses
- Controls annual and perennial weeds
- Controls grasses and broadleaf weeds
- For weed control in and around the home and gardens
- ~~For organic production~~
- For organic gardening
- ~~For use in organic production~~
- ~~For organic use~~