

Citrine Plus Granular 30lb Bag

STEP 2
PULL APART HERE FOR
EASY OPEN SPOUT

Applied
Biochemists

Citrine® Plus

Granular Algaecide

FOR USE IN: LAKES; POTABLE WATER RESERVOIRS; PONDS; FISH HATCHERIES
ESPECIALLY FOR CONTROL OF CHARA, NITELLA, HYDRILLA,
& BOTTOM GROWTHS OF FILAMENTOUS ALGAE

ACTIVE INGREDIENT:
Copper ethanolate complex (CAS# 14215-52-2)* 10.7%
OTHER INGREDIENTS: 89.3%
TOTAL: 100.0%
*Metallic copper equivalent, 3.7%. Contains 2.2 lbs. of elemental copper per 60 lbs.

KEEP OUT OF REACH OF CHILDREN

ANGER / PELIGRO

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

See Additional Precautions on Back Panel

GENERAL INFORMATION

CUTRINE® PLUS GRANULAR ALGAEDECIDE is effective in controlling a broad range of benthic (bottom-growing) algae including Chara, Nitella and filamentous forms. CUTRINE® PLUS GRANULAR ALGAEDECIDE is also effective in controlling the rooted aquatic plant, Hydrilla verticillata. The ethanolate complex in CUTRINE® PLUS GRANULAR ALGAEDECIDE prevents the precipitation of copper with carbonates and bicarbonates in the water. Waters treated with CUTRINE® PLUS GRANULAR ALGAEDECIDE may be used for swimming, fishing, drinking water treatment, livestock watering or irrigating turf, ornamental plants or crops following treatment.

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

IN CASE OF EMERGENCY CALL: 1-800-654-6911.
For help with a spill, leak, fire or exposure involving this product call CHEMTREC 1-800-424-9300.
Note to Physician: Possible mucosal damage may contraindicate the use of gastric lavage.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER, Corrosive. Causes irreversible eye damage and skin burns. May be fatal if absorbed through the skin. Harmful if swallowed or inhaled. Do not get in eyes, on skin, or on clothing. Avoid breathing dust.
PERSONAL PROTECTIVE EQUIPMENT (PPE)
Mixers, loaders, applicators, and other handlers must wear the following: coversalls over long sleeved shirt and long pants, protective eyewear (goggles), face shield, chemical resistant footwear, socks, and chemical resistant gloves. When mixing and loading wear a chemical resistant apron. For overhead exposure wear chemical resistant headgear. When cleaning equipment, wear a chemical resistant cap. Users must wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Users must remove clothing if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users must remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing. Wash outside of gloves before removing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates. Waters treated with this product may be hazardous to aquatic organisms. Treatment of aquatic weeds and algae can result in oxygen loss from decomposition of dead algae and weeds. This oxygen loss can cause fish and invertebrate suffocation. To minimize this hazard, do not treat more than 1% of the water body to avoid depletion of oxygen due to decaying vegetation. Wait at least 14 days between treatments. Begin treatment along the shore and proceed seawards in bands to allow fish to move into untreated areas. Consult with the State or local agency with primary responsibility for regulating pesticides before applying to public waters to determine if a permit is required. This product may be toxic to trout and other species of fish. Fish toxicity is dependent upon the hardness of water. Do not use in water containing trout if the carbonate hardness of the water does not exceed 50ppm. Do not use in waters containing hot and hybrid goldfish. Not intended for use in small volume, garden pond systems. Certain water conditions including low pH (<6.5), low dissolved organic carbon (DOC) levels (3.0 mg/L or lower), and "soft" waters (i.e. alkalinity less than 50 mg/L), increases the potential acute toxicity to non-target aquatic organisms.

DIRECTIONS FOR USE

It is a violation of Federal Law to use CUTRINE® PLUS GRANULAR ALGAEDECIDE in a manner inconsistent with its labeling. Read entire label and use strictly in accordance with precautionary statements and directions. For applications in waters destined for use as drinking water, those must receive additional and separate potable water treatment. Do not apply more than 1.0 ppm as metallic copper in these waters.

GENERAL PRECAUTIONS AND RESTRICTIONS

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 requirements specific to your State or tribe, consult the State or tribal agency responsible for pesticide regulation. Do not enter or allow others to enter until application of product has been completed.

- A. LARGE AREA TREATMENT (over 5,000 sq. ft.)**
1. Identify form(s) of targeted bottom growing algae (Chara / Nitella or Filamentous) or Hydrilla.
2. Estimate the height of targeted plant growth (in ft.) in the water column. This would be the distance from bottom to top of plants.
3. Calculate surface area (area) of the treatment area (area of infestation) using the following formula:
Length (ft.) x Width (ft.) = Surface Area(s)
4,500
4. Refer to Table 1 to determine lbs. of CUTRINE® PLUS GRANULAR ALGAEDECIDE to apply per surface area based upon type and height of targeted growth.

Table 1. Pounds of Cutrine® Plus Granular Algaecide to Apply per Acre

Form of Algal Growth	Height of Plant Growth (feet)		
	1	2	3
Bottom Filamentous	20	40	60
Chara/Nitella	30	60	90
Hydrilla	70	140	210

5. Distribute CUTRINE® PLUS GRANULAR ALGAEDECIDE evenly over the water surface directly over the targeted vegetation, varying rates with the height of the vegetation in the water column. A dry fertilizer spreader may be used to ensure even distribution.

- B. SMALL AREA (SPOT) TREATMENT (under 5,000 sq. ft.)**
For treatment around small areas such as docks, rafts, water heaters, etc., apply product uniformly at the rate of 1.5 pounds (24 oz) per 1,000 square feet. (In areas less than 1 ft. deep, reduce dosage by 2 oz per each of water per 1,000 sq. ft. so as to not exceed 1.0 ppm copper).

SKU No. 200220A

NET CONTENTS: 30 LBS. (13.61 KG)



Rating: Not Rated Yet

Price
\$138.00

[Ask a question about this product](#)

Description

Citrine Plus Granular is a double chelated copper solutions effective against a wide variety of algal species. Cutrine Plus Granular is best for bottom growing filamentous algae, Chara and Nitella.

- Double chelated copper, granular algaecide
- Recommended for bottom growing filamentous algae, Chara and Nitella
- Active ingredient is 3.7% copper as elemental (copper-ethanolamine)
- Not for use in waters containing trout, koi or other fish susceptible to copper.

Dosage: 20-90 pounds per surface acre – See Label for Treatment Plan

No shipment to AK, CA, CT, ID, HI, ME, MA, NH, NY, RI, VT, WA & Canada