FORMULA 325

For control of algae in recirculating cooling water systems, and in decorative and ornamental fountains.

ACTIVE INGREDIENT:

Terbutylazine: 2-(tert-butylamino)-4-chloro-6-(ethylamino)-S-Triazine .......................... 4.0%

OTHER INGREDIENTS ......................................................................................... 96.0%

TOTAL ............................................................................................................. 100.0%

Formula 325 is an Aqueous Dispersion

KEEP OUT OF THE REACH OF CHILDREN

CAUTION

FIRST AID

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 the poison control center or doctor.

• Do not give anything by mouth to an unconscious person.

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 INHALED

• Move person to fresh air.

• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.

• Call a poison control center or doctor for further treatment advice.

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.

Have the label or MSDS with you when calling a poison control center or doctor, or going for treatment. IN CASE OF MEDICAL EMERGENCY, CALL 1-800-222-1222.

STORAGE AND DISPOSAL

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

STORAGE: Protect from freezing.

PESTICIDE DISPOSAL: Waste resulting from the use of this product may be disposed of on site at an approved waste disposal facility.

CONTAINER DISPOSAL:

Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available.

Triple rinse container (or equivalent) promptly after emptying.

For containers with less than equal to 5 gallon capacity

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

For containers with greater than 5 gallon

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

Refillable containers. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

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Treatment of algae in recirculating cooling water systems including clarifiers used to supply make-up water to these systems and in decorative and ornamental fountains:

- Apply Formula 325 at a point in the system where there is good mixing such as at the influent to the clarifier or in the cooling tower basin near the recirculating water pump, or near the fountain recirculating water pump. Formula 325 is slow to remove algae from a system and therefore its action will reduce the risk of large algae clumps possibly clogging the distribution deck orifices or the heat exchanger of a recirculating cooling water system.

Chlorinated Systems and/or Brominated Systems

(I) Continuous addition:
- Initial Treatment: To keep systems free of algae maintain up to 3 fluid ounces per 1000 gallons of water, or about 25 ppm, of Formula 325 in the system water (which is equivalent to about 1 ppm active ingredient) in conjunction with either continuous dosing or regular shock doses (for example, one hour, twice a day) of 0.1 - 1 ppm free chlorine and/or bromine. In order to achieve a maintenance level of 25 ppm Formula 325 by continuous addition it will be necessary to have an appropriate dosing pump and know the volume, half-life (makeup/blowdown rate), evaporative rate, and windage loss of the system.

Maintenance Treatment:
- Concentration below the recommended level of 25 ppm Formula 325 may give adequate control, depending upon the strains of algae present. Experience will demonstrate the level of Formula 325 required.

(II) Slug/Intermittent addition:
- Initial Treatment: Apply sufficient Formula 325 to maintain up to 75 ppm Formula 325 in the water together with chlorination and/or bromination as described under the continuous addition section. Dosing concentration and frequency will be dependent upon a system's volume and half-life (makeup/blowdown rate). For example, to maintain 75 ppm Formula 325 in a system with a volume of 10,000 gallons and a half-life of 3 days, an initial dose of 150 ppm Formula 325 would be required (about 180 fluid ounces in 10,000 gallons), followed by additions of 75 ppm Formula 325 (about 90 fluid ounces in 10,000 gallons) every 3 days.

Maintenance Treatment:
- Concentration below the recommended level of 75 ppm Formula 325 may give adequate control, depending upon the strains of algae present. Experience will demonstrate the level of Formula 325 required.

Non-Chlorinated Systems and/or Non-Brominated Systems

(I) Continuous addition:
- Initial Treatment: To keep systems free of algae, maintain up to 9 fluid ounces per 1000 gallons of water, or about 15 ppm, of Formula 325 in the system water (which is equivalent to about 3 ppm active ingredient). In order to achieve a maintenance level of 75 ppm Formula 325 by continuous addition it will be necessary to have an appropriate dosing pump and know the volume, half-life (makeup/blowdown rate), evaporative rate, and windage loss of the system.

Maintenance Treatment:
- Concentration below the recommended level of 75 ppm Formula 325 may give adequate control, depending upon the strains of algae present. Experience will demonstrate the level of Formula 325 required.

(II) Slug/Intermittent addition:
- Initial Treatment: Apply sufficient Formula 325 to maintain up to 75 ppm Formula 325 in the water. Dosing concentration and frequency will be dependent upon a system's volume and half-life (makeup/blowdown rate). For example, to maintain 75 ppm Formula 325 in a system with a volume of 10,000 gallons and a half-life of 3 days, an initial dose of 150 ppm Formula 325 would be required (about 180 fluid ounces in 10,000 gallons), followed by additions of 75 ppm Formula 325 (about 90 fluid ounces in 10,000 gallons) every 3 days.

Maintenance Treatment:
- Concentration below the recommended level of 75 ppm Formula 325 may give adequate control, depending upon the strains of algae present. Experience will demonstrate the level of Formula 325 required.

NOTE: Buyer assumes all responsibility for safety and use not in accordance with directions.