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**THINK PURITY ALGAECIDE AND ODOUR CONTROL SOLUTION**

COMMERCIAL

CAUTION



POISON

DANGER



CORROSIVE

READ THE LABEL BEFORE USING

FOR PONDS, DUGOUTS/LAGOONS AND POTABLE WATER TANKS

GUARANTEE: COPPER, PRESENT AS  
COPPER SULFATE PENTAHYDRATE ..... 5.0%

REGISTRATION NO. 27434 PEST CONTROL PRODUCTS ACT

NET CONTENTS: 20 LITRES

LOT NO.:

AXSYS DIRECT Manufacturing  
4523-97 Street  
Edmonton, Alberta T6E 5Y8  
866-543-5276

NOTICE TO USER: This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

NATURE OF THE RESTRICTION: This product must be used only in the manner authorized; consult local pesticide regulatory authorities about use permits that may be required.

RESTRICTED USES: Product is to be used for control of algae in municipal water supplies (bodies of water that may be used as a source of potable water before it is purified for drinking purposes). Do not apply or allow discharge to lakes, flowing water or ponds with outflow.

DIRECTIONS FOR USE: Apply 1 litre **Think Purity Algaecide and Odour Control Solution** to 60,000 litres of water for 1 ppm of copper.

## GENERAL INFORMATION

Commercial Use: **Think Purity Algaecide and Odour Control Solution** is an innovative formulation which provides an excellent control of algae in ponds, dugouts, lagoons and potable water storage tanks.

Use **Think Purity Algaecide and Odour Control Solution** for the control of ammonia and suppression of bacterial odours in fermenting substrates, organic waste holding tanks, sewage lagoons, animal manure pits and similar applications.

## DIRECTIONS FOR USE

Dilution of 1: 60,000 (16 mL per 1,000 litres of water) provide 1 part per million (ppm) of a biologically active form of copper (Cu<sup>++</sup>). Use a copper test kit to determine existing copper level before adding **Think Purity Algaecide and Odour Control Solution**. Do not exceed 1.0 ppm of copper in drinking water.

Ponds, Lagoons, Dugouts:

Product is to be applied for control of algae in industrial and farm ponds. Apply 1 litre of **Think Purity Algaecide and Odour Control Solution** to 60,000 - 600,000 litres of water. Water condition and the extent of active micro-organisms present determine the effective application rate. For permanent algae control maintain 0.5 to 1.0 ppm Cu in the water.

(Add 1.6 mL of **Think Purity Algaecide and Odour Control Solution** per 1,000 litres to increase Cu by 0.1 ppm. To obtain a level of 1 ppm copper in small ponds, lagoons and dugouts, apply 25 ml **Think Purity Algaecide and Odour Control Solution** to 1500 liters of water. To obtain a level of 1 ppm copper in large ponds, lagoons, and dugouts, apply 1 liter **Think Purity Algaecide and Odour Control Solution** to 60,000 liters of water.)

Algaecide for animal drinking water tanks:

Apply 1 litre of **Think Purity Algaecide and Odour Control Solution** to 60,000 litres of water for prevention of algal bloom. Maintain a minimum of 0.7 ppm of copper++ in animal drinking water. Precaution **Think Purity Algaecide and Odour Control Solution** may break up deposits of accumulated waterline impurities which may cause digestive upset in animals. After treatment, flush waterlines with clean water daily for one week or until the water pipes are cleared out completely.

Bacterial odor control in liquid sewage and animal manure pits:

Application rates may vary depending on the amount of organic matter, characteristics of manure or sewage, extent of bacterial activity in the pits, and degree of desired odour reduction. Basic application rate is 1 litre of **Think Purity Algaecide and Odour Control Solution** in 30,000 litres of sewage. Several pit application points speed up dispersal. Odours should be reduced in a few days. Treat added sewage once a week at 1:30,000 ratio (32 mL per 1,000 litres of water). Treat manure lagoons 2 weeks before spraying on fields to reduce odourous air pollution.

Other organic (fermenting) sludges:

**Think Purity Algaecide and Odour Control Solution** must be thoroughly mixed with sludge. Apply at the rate of 1 litre **Think Purity Algaecide and Odour Control Solution** to 20,000 - 30,000 litres of sludge.

Highly contaminated pits:

Apply 20 mL **Think Purity Algaecide and Odour Control Solution** to 100 litres of pit content. For best results, treat daily.

**DO NOT** apply this product in a way that will contact workers or bystanders, either directly or through drift. Only protected handlers may be in the area during application.

**DO NOT** contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

For use in water wholly confined to the property of the user and where there is no outflow beyond the property limits.

For applications in water destined for use as drinking water, those waters must receive additional and separate potable water treatment. **DO NOT** apply more than 1.0 ppm as metallic copper in these waters.

## PRECAUTIONS

**DO NOT INGEST.** May be fatal if swallowed. **DO NOT GET ON SKIN, IN EYES OR ON CLOTHING.** Can cause irritation or burns. Repeated contact with dilute solutions may cause dermatitis. Contact with eyes may result in permanent visual loss unless removed quickly by irrigation with water. **DO NOT INHALE.** Concentrated vapor or mist will damage upper respiratory tract and be fatal. Repeated exposure may cause chronic bronchitis or respiratory inflammation.

## KEEP OUT OF REACH OF CHILDREN

Do not apply or allow discharge to lakes, flowing water or ponds with outflow. Do not apply to areas frequented by wildlife.

Wear goggles, long pants, a long-sleeved shirt and shoes plus socks during mixing/loading, application, clean-up and repair. In addition, wear chemical-resistant gloves during mixing/loading, clean-up and repair.

Remove personal protective equipment immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Remove clothing/personal protective equipment immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Discard clothing and other absorbent material that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them.

For cleaning/maintaining personal protective equipment, use detergent and hot water. Keep and wash personal protective equipment separately from other laundry.

Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

#### DISPOSAL:

Dispose of excess **Think Purity Algaecide and Odour Control Solution** through use. Do not pour into lakes or rivers as this may cause fish kill. Neutralize with sodium bicarbonate or lime.

Do not reuse this container for any purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

- (1) Triple- or pressure-rinse the empty container. Add rinsings to the treatment site.
- (2) Make the empty, rinsed container unsuitable for further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial requirements.

For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

#### FIRST AID

**INHALATION:** 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 centre or doctor for further treatment advice.

**SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice.

**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 centre or doctor for treatment advice.

**INGESTION:** Call a poison control centre 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 centre or doctor. Do not give anything by mouth to an unconscious person.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

#### TOXICOLOGICAL INFORMATION

Treat symptomatically.

#### STORAGE:

Store in a safe place away from pets and children. Store away from excessive heat. **Think Purity Algaecide and Odour Control Solution** will freeze, causing separation. Always keep container closed. Store **Think Purity Algaecide and Odour Control Solution** in its original container only. Do not store **Think Purity Algaecide and Odour Control Solution** directly on concrete and store above 5°C.

#### HANDLING EQUIPMENT:

Application or storage equipment **MUST** consist of either fibreglass, PVC's, polypropylenes, viton, most plastics, aluminum or stainless steel. Never use mild steel, nylon, brass or copper around full strength **Think Purity Algaecide and Odour Control Solution**.

Always rinse equipment free and clean of **Think Purity Algaecide and Odour Control Solution** each day with plenty of fresh, clean water. Fabrics containing nylon or cotton will dissolve on contact with full strength of **Think Purity Algaecide and Odour Control Solution**.

#### ENVIRONMENTAL HAZARDS:

**FISH AND AQUATIC ORGANISMS:** TOXIC to aquatic organisms. Direct application of **Think Purity Algaecide and Odour Control Solution** to water may cause a significant reduction in populations of aquatic invertebrates, plants and fish. Do not treat more than one-half of a pond or dugout at one time in order to avoid oxygen depletion originating from the decaying of the vegetation. Allow one to two weeks between treatments for the oxygen level to recover.

Trout and other species of fish may be killed at application rates recommended on this label, especially in soft or acid waters. Do not contaminate water when disposing of equipment wash waters. (See disposal instructions.)

**\*CONSULT THE MINISTRY OF ENVIRONMENT BEFORE APPLYING THIS PRODUCT TO PUBLIC WATERS.**

Permits may be required before treating such waters.

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