

## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

January 28, 2016

Laurent C. Mézin Regulatory and Government Affairs Leader SePRO Corporation 11550 N. Meridian St., Suite 600 Carmel, IN 46032-4565

Subject: Label Amendment – Adds website/QR code for additional warranty statements;

makes other minor revisions Product Name: Komeen Crystal EPA Registration Number: 67690-60 Application Date: October 12, 2015

Decision Number: 510554

Dear Mr. Mézin:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance

Page 2 of 2 EPA Reg. No. 67690-60 Decision No. 510554

with FIFRA section 6. If you have any questions, please contact Kiryssa Kasprzyk by phone at 703-347-8429, or via email at <a href="mailto:kasprzyk.kiryssa@epa.gov">kasprzyk.kiryssa@epa.gov</a>.

Sincerely,

Tony Kish, Product Manager 22

Fungicide Branch

Registration Division (7505P)

Office of Pesticide Programs

Enclosure

## Komeen® Crystal

Aquatic Herbicide

EPA Reg. No. 67690-60

FPL20160122 Clean

ABN: SePRO Total Pond - Rescue

## ACCEPTED

01/28/2016

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under

EPA Reg. No. 67690-60

Version A - Professional uses sub-label	pp. 1-11
Version B - Retail uses sub-label	pp. 12-18

Registration Notes: Based on label EPA approved with FPL20150112 and pending label with FPL20151006

## **Label Notes:**

Label changes:

- 1. Updated FPL date
- 2. Corrections per EPA comments of 22 January 2016
- 3. The statement regarding discarding drenched clothing was not added, as this is not a concentrate (not diluted before use and does not contain >50% ai)

## [VERSION A: Front of label booklet, all non-STP containers]



# Komeen® Crystal

Aquatic Herbicide

For use in slow-moving or quiescent bodies of water including: golf course, ornamental, fish, and fire ponds; fresh water lakes, fish hatcheries, and potable water reservoirs.

Active	Inar	edient
/ <b>10</b> ti <b>1</b> C		Jaivill

Copper ethylenediamine complex <sup>†</sup> (CAS# 13426-91-0)	50.0%
Other Ingredients	50.0%
TOTAL	100.0%
†Metallia coppor equivelent – 17 5%	

## KEEP OUT OF THE REACH OF CHILDREN **DANGER / PELIGRO**

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.)

Refer to inside of label booklet for additional precautionary statements and directions for use including storage and disposal.

**Notice:** Read the entire label before using. Use only according to label directions. Before buying or using this product, read Warranty Disclaimer and Misuse statements inside label booklet. If terms are unacceptable, return at once unopened.

	FIRST AID		
If in eyes	<ul> <li>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.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>		
If swallowed	<ul> <li>Call a poison control center or doctor immediately for treatment advice.</li> <li>Have person sip a glass of water if able to swallow.</li> <li>Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>Do not give anything to an unconscious person.</li> </ul>		
If inhaled	<ul> <li>Move person to fresh air.</li> <li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>Call a poison control center or doctor for further treatment advice.</li> </ul>		
HOTI INF NUMBER			

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. In case of emergency endangering health or the environment involving this product, call INFOTRAC at 1-800-535-5053.

EPA Reg.	No.	67690-60
FPL20160	122	

EPA Est. No.	
[SPC-]	

Metallic copper equivalent = 17.5%

SePRO Corporation 11550 North Meridian	Street, Suite 600, Carmel, IN	l 46032, U.S.A.
	Net weight	(Non-refillable)

[VERSION A: Label booklet text, all non-STP containers]

## PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

# KEEP OUT OF THE REACH OF CHILDREN DANGER / PELIGRO

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.)

Corrosive. Causes irreversible eye damage. May be fatal if swallowed. Harmful if inhaled. Do not get in eyes or on clothing. Wear appropriate protective eyewear (goggles, face shield, or safety glasses). Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse. Avoid breathing dust. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

For applications in waters destined for use as drinking water, those waters must receive additional and separate potable water treatment. Do not apply more than 1.0 ppm of metallic copper in any waters.

FIRST AID			
If in eyes	<ul> <li>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.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>		
If swallowed	<ul> <li>Call a poison control center or doctor immediately for treatment advice.</li> <li>Have person sip a glass of water if able to swallow.</li> <li>Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>Do not give anything to an unconscious person.</li> </ul>		
If inhaled	<ul> <li>Move person to fresh air.</li> <li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>Call a poison control center or doctor for further treatment advice.</li> </ul>		
HOTLINE NUMBER			

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. In case of emergency endangering health or the environment involving this product, call **INFOTRAC** at **1-800-535-5053**.

## PERSONAL PROTECTIVE EQUIPMENT (PPE)

Mixers, loaders, applicators, and other handlers must wear the following:

- Protective eyewear;
- Long-sleeve shirt and long pants;
- Shoes plus socks; and

Waterproof gloves.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

## **USER SAFETY RECOMMENDATIONS**

### **Users should:**

- Wash the outside of gloves before removing.
- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

## **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 ½ 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 outwards 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.

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), increase the potential acute toxicity to non-target aquatic organisms. Do not use in waters containing trout or other fish species that are highly sensitive to copper if the alkalinity is less than 50 ppm. Fish toxicity generally decreases when the hardness of water increases. This product must not be used in ornamental ponds containing Koi.

## **DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Read all directions for use carefully before applying this product. Use only according to label directions.

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 close proximity to the mixing area or application equipment while in use. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.

Areas treated with this product may be used for fishing, swimming, and irrigation.

## PRODUCT INFORMATION

Komeen Crystal is a granular product that controls many submersed and floating aquatic plant species including hydrilla (*Hydrilla verticillata*), Brazilian elodea (*Egeria densa*), naiad (*Najas* spp.), coontail (*Ceratophyllum demersum*), elodea (*Elodea canadensis*), water lettuce (*Pistia* 

stratiotes), water fern (Salvinia and Azolla spp.), duckweed (Lemna, Landoltia, and Spirodela spp.), water hyacinth (Eichhornia crassipes), horned pondweed (Zannichellia palustris), sago pondweed (Stuckenia pectinatus), floating-leaved pondweeds (Potamogeton spp.), Eurasian watermilfoil (Myriophyllum spicatum) and Eurasian milfoil X native milfoil hybrids, American eelgrass, tapegrass (Vallisneria americana), Charophytes (Chara spp., Nitella spp., and Nitellopsis spp.), and other submersed and floating aquatic weed species that are sensitive to copper.

Apply when weeds are actively growing. Copper-sensitive weeds require a minimum of three (3) to twenty-four (24) hours of contact with this product in order to provide effective control. Less susceptible weeds may require longer contact time or higher doses. Significant water movement may result in dilution of the treated water and reapplication may be necessary. Results are typically visible in a few days. Susceptible aquatic weeds will generally drop below the surface of the water within 3 to 14 days after treatment. If this effect is not observed, this product may be re-applied at a minimum of 14 days after the initial application. Once weeds drop below the surface, it can take up to 6 weeks to realize the full effect of the treatment.

Komeen Crystal may be applied by aircraft or boat or from the shoreline as a surface application by spreader, eduction, or blower-type application equipment, or as a subsurface application through weighted hoses connected to an eductor application system.

#### **Precautions and Restrictions**

- Do not enter or allow others to enter until application is complete.
- Do not apply in such a way that this product comes in direct contact with crops, ornamentals, grass or desirable plants.
- Wash application equipment thoroughly before and after each application.

## **APPLICATION INFORMATION**

In lakes, reservoirs, and ponds, the application site is defined by this label as the specific location where this product is applied. Use the lower labeled rate in soft water (less than 50 ppm alkalinity), for light infestations and less mature plants; use the higher concentration in hard water (above 50 ppm alkalinity), for dense infestations or when targeting more mature vegetation.

For aquatic weed control (including vascular plants and algae), do not exceed 1.0 ppm metallic copper during any single application. Do not treat more than half of a water body at one time. Wait a minimum of 14 days between treatments.

When treating slow-moving water, apply the product counter to the flow of water.

TABLE 1 <sup>†</sup>			
Application Concentrations For Submersed Aquatic Weed Control			
Weed Species	Metallic Copper Level		
Weed Openes	Required For Control (ppm)		
Floating-leaved pondweeds (Potamogeton spp.)†	0.75 - 1.0		
Brazilian elodea (Egeria densa)	0.50 - 1.0		
Coontail (Ceratophyllum demersum)	0.50 - 1.0		
Elodea (Elodea canadensis)	0.50 - 1.0		
Eurasian watermilfoil (Myriophyllum spicatum) ††	0.75 - 1.0		

Horned pondweed (Zannichellia palustris) ††	0.75 - 1.0
Hydrilla (Hydrilla verticillata)	0.75 - 1.0
Naiad (Najas spp.)	0.50 - 1.0
Pondweed spp. (Potamogeton spp.)	0.75 - 1.0
Sago pondweed (Stuckenia pectinatus) ††	0.50 - 1.0
Tapegrass, American eelgrass (Vallisneria americana)	0.50 - 1.0
Charophytes (Chara spp., Nitella spp., and Nitellopsis	0.30 - 1.0
spp.)	
Other susceptible submersed species	0.75 - 1.0

<sup>&</sup>lt;sup>†</sup> Treatment rates may be calculated based on portion of water column with vegetation – see notes under Application Rate Calculation.

This product can be effective on species of algae with a high sensitivity to copper at concentrations ranging from 0.2 to 1.0 ppm.

## **Foliar Application For Floating Aquatic Weed Control**

In certain application designs, this product may be applied to floating weed species such as, but not limited to, Duckweed (*Lemna*, *Landoltia*, and *Spirodela* spp.), Water fern, (*Salvinia* and *Azolla* spp.), Water hyacinth (*Eichhornia crassipes*), and Water lettuce (*Pistia stratiodes*). Such applications must not exceed 15.5 lbs. of product per acre foot. A SePRO Corporation Aquatic Specialist should be consulted on treatment design for this type of application.

## **Application Rate Calculation**

**For large bodies of water**, determine the size (in acres) and the average depth (in feet) of the area to be treated. Application rates are calculated by using the following formula to obtain the appropriate copper concentration:

Desired concentration of copper (ppm) x Average depth of water (feet) x 15.5 = pounds of product per surface acre

To calculate the area and average depth of a lake or pond, use the following formulas and conversion factors. All measurements (length, width, radius, depth) are in feet.

#### Formulas

- Area of a square or rectangle (ft²) = length x width
- Area of a circle (ft²) = radius x radius x 3.14
- Average depth (ft) = sum of all depth measurements ÷ number of measurements (The more measurements taken, the more accurate the average depth will be.)

## Conversion Factors

- 1 acre = 43,560 square feet
- 1 acre foot = 43,560 cubic feet = 325,762 gallons = 2,720,000 pounds

TABLE 2 – TREATMENT AREAS IN LARGE BODIES OF WATER			
Average Water Depth of	Pounds of product per Surface Acre to Achieve the Desired Copper Concentration <sup>†</sup>		

<sup>††</sup> Generally, these plants are only controlled in low water hardness (<150 ppm) or with repeat applications. Includes Eurasian X native milfoil hybrids.

Treatment Site (feet)	0.5 ppm	0.75 ppm	1.0 ppm
1	7.7	11.6	15.5
2	15.5	23.2	31.0
3	23.2	34.8	46.5
4	31.0	46.5	62.0
5	38.7	58.1	77.4
6	46.5	69.7	92.9
7	54.2	81.3	108
8	62.0	92.9	124
9	69.7	105	139
10	77.4	116	155

<sup>†</sup>In-water application rates for submersed weeds and algae may be adjusted based on proportion of the treated water volume with vegetation. See INFESTED WATER VOLUME ADJUSTMENT below.

For smaller bodies of water, determine the size (in square feet) and the average depth (in feet) of the area to be treated.

TABLE 3 - TREATMENT AREAS IN SMALL BODIES OF WATER			
Average Water Depth of Treatment Site (feet)	Pounds of product per 1,000 ft <sup>2</sup> to Achieve Desired Copper Concentration <sup>†</sup>		
, ,	0.5 ppm	0.75 ppm	1.0 ppm
1	0.17	0.27	0.36
2	0.35	0.54	0.72
3	0.52	0.81	1.07
4	0.70	1.08	1.43
5	0.87	1.36	1.79
6	1.05	1.63	2.15
7	1.22	1.90	2.51
8	1.39	2.17	2.87
9	1.57	2.44	3.22
10	1.74	2.71	3.58

<sup>†</sup> In-water application rates for submersed weeds and algae may be adjusted based on proportion of the treated water volume with vegetation. See **Infested Water Volume Adjustment** below.

## **Infested Water Volume Adjustment**

In treatment areas with submersed plants only growing in a portion of the water column, product application rates may be based upon the portion of the water column containing plants. The volume would be based upon the height of plants from the bottom of the water body. For example, if average depth is 10 feet and target vegetation is 4 feet in height from the bottom, the treatment rate may be based upon an average depth of four feet and the applicable application rate for four feet of water from Table 2 or Table 3. In areas of high water exchange, do not make this adjustment due to potential for quick vertical mixing and dilution. It is recommended that a SePRO Corporation Aquatic Specialist be contacted for best

methodology to quantify site characteristics and determine if an adjustment is appropriate.

## **METHODS OF APPLICATION**

## Surface Application

Apply this product by boat or from the shoreline as a surface application by spreader, eduction, or blower-type application equipment. Do not exceed 15.5 lbs. of product per acre foot.

Apply this product by boat as a subsurface application through weighted hoses connected to an eduction system. Do not exceed 15.5 lbs. of product per acre foot.

## Aerial Application

This product may be applied using helicopter or airplane. Aerial applications must be conducted in a manner that applies target lbs. per acre evenly in the treatment area.

### **DRIFT MANAGEMENT**

A variety of factors including weather conditions (e.g., wind direction, wind speed, temperature, relative humidity) and method of application (e.g., ground, aerial, airblast, chemigation) can influence pesticide drift. The applicator must evaluate all factors and make appropriate adjustments when applying this product.

## Wind Speed

Do not apply at wind speeds greater than 15 mph. Only apply this product if the wind direction favors on-target deposition (approximately 3 to 10 mph), and there are no sensitive areas within 250 feet downwind.

## **Other State and Local Requirements**

Applicators must follow all state and local pesticide drift requirements regarding application of copper compounds. Where states have more stringent regulations, they must be observed.

## Equipment

All aerial and ground application equipment must be properly maintained and calibrated using appropriate carriers or surrogates.

## Additional requirements for aerial applications:

- The boom length must not exceed 75% of the wingspan or 90% of the rotor blade diameter.
- Release granules at the lowest height consistent with efficacy and flight safety. Do not release granules at a height greater than 10 feet above the water surface unless a greater height is required for aircraft safety.
- When applications are made with a crosswind, the swath must be displaced downwind. The applicator must compensate for this displacement at the up and downwind edge of the application area by adjusting the path of the aircraft upwind.

## Combination Treatment

This product may be co-applied or sequentially applied with other approved aquatic herbicides for control of a broader weed spectrum or other management objective. It is recommended that a SePRO Corporation Aquatic Specialist be consulted for the latest information on compatibility prior to mixing and then co-applying this product with other herbicide formulations. This product must not be co-applied with any product containing a label prohibition against such form of application and must be used in accordance with the more restrictive of the label limitations and precautions. Do not exceed any label dosage rate.

## STORAGE AND DISPOSAL

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

**Pesticide Storage:** Store in original container only. Do not store near feed or foodstuffs. In case of spill, contain material and dispose of as waste.

**Pesticide Disposal:** Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

## **Container Handling:**

**Non-refillable Container:** Do not reuse or refill this container. Completely empty container into application equipment. Offer for recycling if available. If recycling is not available, then puncture and dispose of empty container in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

<u>Warranty Disclaimer</u>: SePRO Corporation warrants that this product conforms to the chemical description on the product label. Testing and research have also determined that this product is reasonably fit for the uses described on the product label. To the extent consistent with applicable law, SePRO Corporation makes no other express or implied warranty of fitness or merchantability nor any other express or implied warranty and any such warranties are expressly disclaimed.

<u>Misuse</u>: Federal law prohibits the use of this product in a manner inconsistent with its label directions. To the extent consistent with applicable law, the buyer assumes responsibility for any adverse consequences if this product is not used according to its label directions. In no case shall SePRO Corporation be liable for any losses or damages resulting from the use, handling or application of this product in a manner inconsistent with its label.

For additional important labeling information regarding SePRO Corporation's Terms and Conditions of Use, Inherent Risks of Use and Limitation of Remedies, please visit <a href="http://seprolabels.com/terms">http://seprolabels.com/terms</a> or scan the image below.



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Komeen is a registered trademark of SePRO Corporation.

FPL20160122

[VERSION A: Base label (affixed to container), for all non-STP. containers]



# Komeen® Crystal

Aquatic Herbicide

For use in slow-moving or quiescent bodies of water including: golf course, ornamental, fish, and fire ponds; fresh water lakes, fish hatcheries, and potable water reservoirs.

## **Active Ingredient**

Copper ethylenediamine complex <sup>†</sup> (CAS# 13426-91-0)	50.0%
Other Ingredients	50.0%
TOTAL	100.0%

<sup>†</sup>Metallic copper equivalent = 17.5%

## PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

# KEEP OUT OF THE REACH OF CHILDREN DANGER / PELIGRO

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> <li>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.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>	
If swallowed	<ul> <li>Call a poison control center or doctor immediately for treatment advice.</li> <li>Have person sip a glass of water if able to swallow.</li> <li>Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>Do not give anything to an unconscious person.</li> </ul>	
If inhaled	<ul> <li>Move person to fresh air.</li> <li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>Call a poison control center or doctor for further treatment advice.</li> </ul>	
HOTLINE NUMBER		

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. In case of emergency endangering health or the environment involving this product, call **INFOTRAC** at **1-800-535-5053**.

## STORAGE AND DISPOSAL

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

**Pesticide Storage:** Store in original container only. Do not store near feed or foodstuffs. In case of spill, contain material and dispose of as waste.

**Pesticide Disposal:** Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

## **Container Handling:**

**Non-refillable Container:** Do not reuse or refill this container. Completely empty container into application equipment. Offer for recycling if available. If recycling is not available, then puncture and dispose of empty container in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

## Refer to inside of label booklet for additional precautionary statements and directions for use.

**Notice:** Read the entire label before using. Use only according to label directions. Before buying or using this product, read Warranty Disclaimer and Misuse statements inside label booklet. If terms are unacceptable, return at once unopened.

EPA Reg. No. 67690-60 FPL20160122 SePRO Corporation 11550 North Meridia	EPA Est. No [SPC-]	
cor ito corporation ricoc itorui moriali	Net weight	(Non-refillable

## [VERSION B: Front panel, STP ONLY containers]



# Komeen® Crystal

Aquatic Herbicide

[ABN: SePRO Total Pond - Rescue®]

**Active Ingredient** 

Copper ethylenediamine complex <sup>†</sup> (CAS# 13426-91-0)	50.0%
Other Ingredients	. 50.0%
TOTAL	100.0%

†Metallic copper equivalent = 17.5%

# KEEP OUT OF THE REACH OF CHILDREN DANGER

See back panel and label booklet for first aid and additional precautionary statements.

{optional text:

- -In-season Chara and aquatic weed control solution
- -For controlling most submersed weeds and algae
- -Controls Chara, Coontail, Elodea, Naiads, Tapegrass, PLUS many more! }

## Controls bottom algae and many submersed weeds

- · Contact herbicide and algaecide
- Easy-to-Apply
- High concentration, quick copper release crystal for targeted application



## [VERSION B: Label Booklet Cover, STP ONLY containers]





## Komeen® Crystal

Aquatic Herbicide

[ABN: SePRO Total Pond – Rescue®]

Komeen Crystal controls undesirable aquatic vegetation and bottom algae in ponds, lakes, and reservoirs.

#### Quick facts:

The high concentration, quick release formulation optimizes product concentration where plants and bottom-forming algae grow.

- Concentrated formulation containing 17.5% elemental copper
- No fishing, swimming or irrigation restrictions following application
- Most species are controlled in 10-14 days

#### When and where to use:

Ideal for strategic spot treatments while weeds and algae are actively growing.

- Use around the perimeter of a dock.
- Keep swimming beaches clear of nuisance weeds and algae
- Maintain boat lanes

#### How to use:

Apply product directly to the water evenly, directly over areas where weeds and/or algae are growing.

- This container treats up to 3,600 square feet, 4 feet deep
- Only treat up to \( \frac{1}{3} \) of the entire water body at any one time

#### Refer to inside of label booklet for additional directions for use.

**Notice:** Read the entire label before using. Use only according to label directions. Before buying or using this product, read Warranty Disclaimer and Misuse statements inside label booklet. If terms are unacceptable, return at once unopened.

Copyright © SePRO Corporation

Manufactured by:

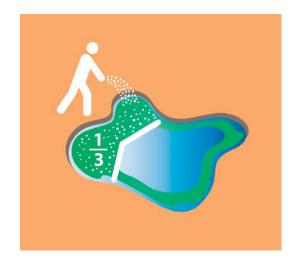
SePRO Corporation: 11550 N. Meridian Street,

Suite 600; Carmel, IN 46032

Customer service: 1-844-766-2727

EPA Reg. No. 67690-60 EPA Est. No. \_\_\_\_\_ [Part No.] \_\_\_\_ FPL20160122 Made in the U.S.A.

SePRO Total Pond – Rescue is a registered trademark of SePRO Corporation



## [VERSION B: Label booklet text, STP ONLY containers]

### STOP! PLEASE READ ENTIRE LABEL BEFORE USE.

#### **DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Use only according to label directions.



## When to apply

Recommended Application Timing

This product should be applied while weeds and algae are actively growing. Do not treat more than 1/3 of the water body during any single application or oxygen depletion can occur. Wait at least 14 days before treating the remaining portions of the waterbody.

## Where and how to apply

This product is formulated for direct application to the water. Simply apply the appropriate amount of product evenly in the water, around the perimeter of the water body or over the targeted treatment area using a waterproof glove, scoop or other granule application equipment to dispense the pellets into the water. For best results, target coverage in areas where aquatic weeds or bottom-dwelling algae typically occur or are present.

## Species controlled

This product controls many submersed aquatic plant and bottom—dwelling algae species including hydrilla, Brazilian elodea (Egeria), naiad, coontail, elodea, horned pondweed, sago pondweed, floating-leaved pondweeds, watermilfoil and American eelgrass, (tapegrass), Charophytes (*Chara, Nitella*, and *Nitellopsis* species), and other submersed weeds and algae that are sensitive to copper.

## How much to apply

Table 1. Recommended Application Rate (lbs.)			
Average Pond	Treated area (surface acre*)		
Depth (ft.)	1/8	1/4	1/2
2	2.5	5.0	10.0
3	3.8	7.5	15.0
4	5.0	10.0	20.0
5	6.3	12.5	25.0
6	7.5	15.0	30.0
7	8.8	17.5	35.0
8	10.0	20.0	40.0

<sup>\*</sup> Do not treat more than  $\frac{1}{3}$  water body during a single application; 1 surface acre = 43,560 square feet

#### Tips for best results

- Ensure complete, uniform coverage of areas where target weeds or algae are growing.
- Apply on a calm day.
- This product requires a minimum 3 hours of contact time to achieve optimum results.
- Prevent disturbing the treated areas for 24 hours or as long as possible to maximize contact time.

## **How Komeen Crystal works**

This product is a concentrated chelated copper formulation that acts at multiple sites of action in the plant. It works by shutting down photosynthesis and disrupting cell integrity. The high concentration, quick copper release granules optimize product exposure in the area where weeds and bottom-dwelling algae are growing.

## [VERSION B: Expanded Base (affixed to container) Label RIGHT (COVERED) SIDE, <u>STP ONLY</u> containers]

### What to expect

Results are typically visible in a few days. Susceptible aquatic weeds will generally drop below the surface of the water within 3 to 14 days after treatment. If this effect is not observed, this product may be re-applied at a minimum of 14 days after the initial application. Once weeds drop below the surface, it can take 3 to 4 weeks to realize the full effect of the treatment.

#### **USE RESTRICTIONS**

<u>Obtain Required Permits</u>: Consult with appropriate state or local water authorities before applying this product. Permits may be required by state or local public agencies.

<u>Fishing, Swimming and Irrigation</u>: Fishing, swimming, and irrigation are allowed following application.

<u>Livestock/Pet Consumption</u>: Drinking by livestock and pets is allowed following application.

### **ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish and aquatic invertebrates. Waters treated with this product may be hazardous to aquatic organisms. Do not treat more than ½ of the water body during any single application or oxygen depletion can occur. Wait at least 14 days between treatments. Begin treatment along the shore and proceed outwards in bands to allow fish to move into untreated areas. Do not use in waters containing trout or other fish species that are highly sensitive to copper. Fish toxicity generally decreases when the hardness of water increases. This product must not be used in ornamental ponds containing Koi. For applications in waters destined for use as drinking water, those waters must receive additional and separate potable water treatment. Do not apply more than 10 lbs. of this product per one acre foot (one surface acre, one foot deep) in any waters.

### STORAGE AND DISPOSAL

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

**Pesticide Storage:** Store in original container only. Do not store near feed or foodstuffs. In case of spill, contain material and dispose of as waste.

**Pesticide Disposal and Container Handling:** 

**Non-refillable Container:** Do not reuse or refill this container. **If empty:** 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.

<u>Warranty Disclaimer</u>: SePRO Corporation warrants that this product conforms to the chemical description on the product label. Testing and research have also determined that this product is reasonably fit for the uses described on the product label. To the extent consistent with applicable law, SePRO Corporation makes no other express or implied warranty of fitness or merchantability nor any other express or implied warranty and any such warranties are expressly disclaimed.

<u>Misuse</u>: Federal law prohibits the use of this product in a manner inconsistent with its label directions. To the extent consistent with applicable law, the buyer assumes responsibility for any adverse consequences if this product is not used according to its label directions. In no case shall SePRO Corporation be liable for any losses or damages resulting from the use, handling or application of this product in a manner inconsistent with its label.

For additional important labeling information regarding SePRO Corporation's Terms and Conditions of Use, Inherent Risks of Use and Limitation of Remedies, please visit <a href="http://seprolabels.com/terms">http://seprolabels.com/terms</a> or scan the image below.





Need help? A SePRO Total Pond Advisor can remotely and accurately measure the size of your pond and discuss a personalized strategy to keep your pond clear of unwanted weeds and algae. Call us TOLL FREE at 1-844-766-2727 or email service@seprototal.com

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[VERSION B: Expanded Base (affixed to container) Label LEFT (EXPOSED) SIDE, <u>STP ONLY</u> containers]



## Komeen® Crystal

Aquatic Herbicide

[ABN: SePRO Total Pond – Rescue®]

## PRECAUTIONARY STATEMENTS

## HAZARDS TO HUMANS AND DOMESTIC ANIMALS

# KEEP OUT OF THE REACH OF CHILDREN DANGER

Corrosive. Causes irreversible eye damage. May be fatal if swallowed. Harmful if inhaled. Do not get in eyes or on clothing. Wear appropriate protective eyewear (goggles, face shield, or safety glasses). Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse. Avoid breathing dust. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

## PERSONAL PROTECTIVE EQUIPMENT (PPE)

#### Users must wear the following:

Protective eyewear (goggles, face shield, or safety glasses), long-sleeve shirt, long pants, shoes plus socks, and waterproof gloves. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent material that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

#### **USER SAFETY RECOMMENDATIONS**

**Users should**: Wash the outside of gloves before removing. Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

	FIRST AID
If in eyes	<ul> <li>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.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
If swallowed	<ul> <li>Call a poison control center or doctor immediately for treatment advice.</li> <li>Have person sip a glass of water if able to swallow.</li> <li>Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>Do not give anything to an unconscious person.</li> </ul>
If inhaled	<ul> <li>Move person to fresh air.</li> <li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>Call a poison control center or doctor for further treatment advice.</li> </ul>
1	HOTLINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. In case of emergency endangering health or the environment involving this product, call **INFOTRAC** at **1-800-535-5053**.

**Notice:** Read the entire label before using. Use only according to label directions. Before buying or using this product, read Warranty Disclaimer and Misuse statements inside label booklet. If terms are unacceptable, return at once unopened.

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