

COMMANDO

Cooling Tower Algacide-Slimicide

ACCEPTED
EPA COMMENTS
EPA Reg. No. 33016-2

OCT 15 1982
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

Keep out of reach of children. Corrosive. May be fatal if swallowed. Causes severe eye damage and severe skin irritation, especially on broken skin. Do not get in eyes, on skin, on clothing. Wear goggles or face shield and rubber gloves when handling. Avoid contamination of food. Wash thoroughly after handling.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not discharge into lakes, streams, ponds or public waters unless in accordance with a NPDES permit. For guidance contact your Regional office of the Environmental Protection Agency.

STORAGE AND DISPOSAL

STORAGE: Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. If plastic, do not reuse empty container.

DISPOSAL: Pesticide or rinse that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies. Triple rinse (or equivalent) all containers and, for metal containers, offer for recycling or reconditioning (for plastic containers dispose in an incinerator) or dispose in landfill approved for pesticide containers or bury in a safe place. Consult federal, state or local disposal authorities for approved alternative procedures.

ACTIVE INGREDIENT:

n-Alkyl (5% C₁₄, 40% C₁₂, 10% C₁₀)
dimethyl benzyl ammonium chloride 10%

INERT INGREDIENTS 90%

TOTAL 100%

KEEP OUT OF REACH OF CHILDREN

DANGER

STATEMENT OF PRACTICAL TREATMENT

SKIN AND EYES:

In case of contact, immediately flush eyes with plenty of water at least 15 minutes; call a physician immediately. Wash skin thoroughly with soap and water. Remove and launder contaminated clothing before re-wearing.

INGESTION:

If swallowed, and victim is conscious, give two glasses of water to drink and call a physician immediately.

NOTE TO PHYSICIAN. Acute effects may include mucosal damage, severe laryngeal edema, and shock associated with corrosive agents. Alcohol can increase toxic effects. Delayed effects may include life-threatening respiratory paralysis and convulsions.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

MANUFACTURED BY:

COMMANDER CHEMICAL & SUPPLY CO. INC.
Phoenix, Arizona 85004

EPA Est. No. _____

EPA Reg. No. _____

NET CONTENTS _____ GALLONS

DIRECTIONS FOR USE GENERAL CLASSIFICATION

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Commando Algacide-Slimicide is used to control the growth of algae and slimes forming microorganisms in recirculating commercial and industrial water cooling tower systems.

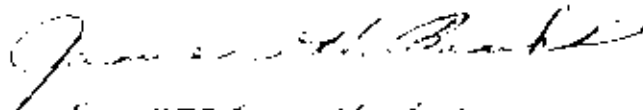
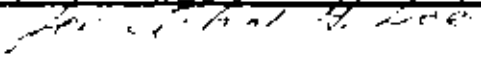
1. **Initial Dose.** To a clean system with no visible algae or microbial slimes, add 3 gallons of Commando Algacide-Slimicide per 10,000 gallons of cooling water. If algae or microbial slimes are visible, add 6 gallons of Commando Algacide-Slimicide per 10,000 gallons of water. Repeat until control is achieved. Heavily fouled systems must be cleaned before beginning treatment.

2. **Maintenance Dose in Towers with Continuous Feed Equipment.** After adding the first dose and achieving control, maintain a level of 10 ppm of active ingredient by adding Commando Algacide-Slimicide continuously at a rate of 1 gallon per 10,000 gallons of "bleed-off". If algae or slimes begin to grow, add a "slug dose" of 3 gallons of Commando Algacide-Slimicide per 10,000 gallons of cooling water. Follow the "slug dose" by maintaining a level of 10 ppm active ingredient.

3. **Maintenance Dose in Towers Without Continuous Feed Equipment.** After adding the initial dose and achieving control, add 1 to 3 gallons of Commando Algacide-Slimicide per 10,000 gallons of cooling water once weekly or more often to prevent the growth of algae or slimes. If growth occurs, add a "slug dose" of 3 to 6 gallons of Commando Algacide-Slimicide per 10,000 gallons of cooling water and then maintain a level of 10 ppm of active ingredient.

NOTE: Commando Algacide-Slimicide must be added at a point in the cooling system where it can mix uniformly into the circulating water.

BEST DOCUMENT AVAILABLE

U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (7N-367) WASHINGTON, D.C. 20460	EPA REGISTRATION NO. 33016-2	DATE OF ISSUANCE
	TERM OF ISSUANCE	JUL 15 1982
NOTICE OF PESTICIDE: <input type="checkbox"/> REGISTRATION <input checked="" type="checkbox"/> REREГИSTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)	NAME OF PESTICIDE PRODUCT	
	Commando Cooling Tower Algacide-Slimicide	
NAME AND ADDRESS OF REGISTRANT (include ZIP code)		
Commander Chemical & Supply Co., Inc. 443 South Central Avenue Phoenix, AZ 85004		
NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.		
On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.		
A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.		
Registration is in no way to be construed as an endorsement or approval of this product by this 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 product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:		
1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.		
2. Make the labeling changes listed below before you release the product for shipment:		
a. Add the phrase "EPA Registration No. 33016-2."		
b. The product name as declared on your application form, Commando Cooling Tower Algacide-Slimicide, must be consistently declared throughout the text. Abbreviated variations are not acceptable.		
c. You are reminded that the EPA Establishment Number must appear in a suitable location on the label or on the immediate container. We recommend that you verify your EPA Establishment No. with your Regional EPA office located in San Francisco, California, for the appropriate EPA Establishment No. An application form is enclosed for your convenience.		
<input checked="" type="checkbox"/> ATTACHMENT IS APPLICABLE		
SIGNATURE OF APPROVING OFFICIAL		DATE
		
		

EPA Form 8570-6 (Rev. 3-78)

PREVIOUS EDITION MAY BE USED UNTIL SUPPLY IS EXHAUSTED.

BEST DOCUMENT AVAILABLE

330/6-2

d. For the label size submitted, the STORAGE AND DISPOSAL heading and the Child Hazard Warning "KEEP OUT OF REACH OF CHILDREN" would require a 12 point type size minimum and the signal word DANGER (front panel only) would require an 18 point type size minimum.

e. Revise the statements:

May be fatal if swallowed. Causes severe eye damage and severe skin irritation, especially on broken skin.

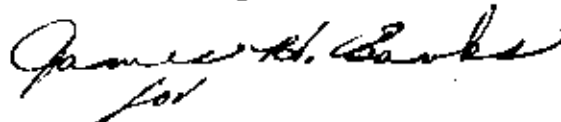
to read:

Causes severe eye and skin damage. Harmful or fatal if swallowed.

3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

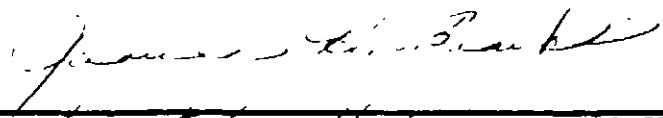
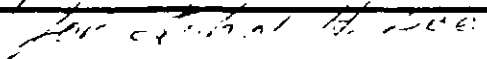
If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

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



John H. Lee
Product Manager (31)
Disinfectants Branch
Registration Division (TS-767C)

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U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (WH-567) WASHINGTON, D.C. 20460	EPA REGISTRATION NO. 33016-2	DATE OF ISSUANCE
	TERM OF ISSUANCE	10 1982
NOTICE OF PESTICIDE: <input type="checkbox"/> REGISTRATION <input checked="" type="checkbox"/> REREGISTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)	NAME OF PESTICIDE PRODUCT	
	Commando Cooling Tower Algaecide-Slimicide	
NAME AND ADDRESS OF REGISTRANT (Include ZIP code)		
Commander Chemical & Supply Co., Inc. 443 South Central Avenue Phoenix, AZ 85004		
BEST DOCUMENT AVAILABLE		
NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.		
On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.		
A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.		
Registration is in no way to be construed as an endorsement or approval of this product by this 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 product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:		
1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.		
2. Make the labeling changes listed below before you release the product for shipment:		
a. Add the phrase "EPA Registration No. 33016-2."		
b. The product name as declared on your application form, Commando Cooling Tower Algaecide-Slimicide, must be consistently declared throughout the text. Abbreviated variations are not acceptable.		
c. You are reminded that the EPA Establishment Number must appear in a suitable location on the label or on the immediate container. We recommend that you verify your EPA Establishment No. with your Regional EPA office Located in San Francisco, California, for the appropriate EPA Establishment No. An application form is enclosed for your convenience.		
<input checked="" type="checkbox"/> ATTACHMENT IS APPLICABLE		
SIGNATURE OF APPROVING OFFICIAL		DATE
		



331 2-2

- 2 -

d. For the label size submitted, the STORAGE AND DISPOSAL heading and the Child Hazard Warning "KEEP OUT OF REACH OF CHILDREN" would require a 12 point type size minimum and the signal word DANGER (front panel only) would require an 18 point type size minimum.

e. Revise the statement:

May be fatal if swallowed. Causes severe eye damage and severe skin irritation, especially on broken skin.

to read:

Causes severe eye and skin damage. Harmful or fatal if swallowed.

3. Submit five (5) copies of your 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, the 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.

John H. Lee
Product Manager (31)
Disinfectants Branch
Registration Division (TS-767C)

COMMANDO

Cooling Tower Algacide-Slimicide

ACCEPTED
COMMENTS
to EPA after label:

OCT 15 1982

Under the Federal Insecticide, Fungicide, and Herbicide Act as amended, for the purpose of registration under EPA Reg. 2.2

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

Keep out of reach of children. Corrosive. May be fatal if swallowed. Causes severe eye damage and severe skin irritation, especially on broken skin. Do not get in eyes, on skin, on clothing. Wear goggles or face shield and rubber gloves when handling. Avoid contamination of food. Wash thoroughly after handling.

ENVIRONMENTAL HAZARDS

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STORAGE AND DISPOSAL

STORAGE: Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. If plastic, do not reuse empty container.

DISPOSAL: Pesticide or rinsate that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies. Triple rinse (or equivalent) all containers and, for metal containers, offer for recycling or reconditioning (for plastic containers dispose in an incinerator) or dispose in landfill approved for pesticide containers or bury in a safe place. Consult federal, state or local disposal authorities for approved alternative procedures.

ACTIVE INGREDIENT:

n-Alkyl (50% C₁₆, 40% C₁₂, 10% C₁₄)
dimethyl benzyl ammonium chloride 10%

INERT INGREDIENTS 90%

TOTAL 100%

KEEP OUT OF REACH OF CHILDREN

DANGER

STATEMENT OF PRACTICAL TREATMENT

SKIN AND EYES:

In case of contact, immediately flush eyes with plenty of water at least 15 minutes; call a physician immediately. Wash skin thoroughly with soap and water. Remove and launder contaminated clothing before rewearing.

INGESTION:

If swallowed, and victim is conscious, give two glasses of water to drink and call a physician immediately.

NOTE TO PHYSICIAN. Acute effects may include mucosal damage, severe laryngeal edema, and shock associated with corrosive agents. Alcohol can increase toxic effects. Delayed effects may include life-threatening respiratory paralysis and convulsions.

SEE SIDE PANEL FOR ADDITIONAL
PRECAUTIONARY STATEMENTS

MANUFACTURED BY
COMMANDER CHEMICAL & SUPPLY CO. INC.
Phoenix, Arizona 85004

EPA Est No

EPA Reg No

NET CONTENTS GALLONS

DIRECTIONS FOR USE GENERAL CLASSIFICATION

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Commando Algacide-Slimicide is used to control the growth of algae and slime forming microorganisms in recirculating commercial and industrial water cooling tower systems.

1 Initial Dose: To a clean system with no visible algae or microbial slime, add 3 gallons of Commando Algacide-Slimicide per 10,000 gallons of cooling water. If algae or microbial slime are visible, add 6 gallons of Commando Algacide-Slimicide per 10,000 gallons of water. Repeat until control is achieved. Badly fouled systems must be cleaned before beginning treatment.

2 Maintenance Doses in Towers with Continuous Feed Equipment: After adding the first dose and achieving control, maintain a level of 10 ppm of active ingredient by adding Commando Algacide-Slimicide continuously at a rate of 1 gallon per 10,000 gallons of "bleed-off". If algae or slime begin to grow, add a "slug dose" of 3 gallons of Commando Algacide-Slimicide per 10,000 gallons of cooling water. Follow the "slug dose" by maintaining a level of 10 ppm active ingredient.

3 Maintenance Dose in Towers Without Continuous Feed Equipment: After adding the initial dose and achieving control, add 1 to 3 gallons of Commando Algacide-Slimicide per 10,000 gallons of cooling water once weekly or more often to prevent the growth of algae or slime. If growth occurs, add a "slug dose" of 3 to 6 gallons of Commando Algacide-Slimicide per 10,000 gallons of cooling water and then maintain a level of 10 ppm of active ingredient.

NOTE: Commando Algacide-Slimicide must be added at a point in the cooling system where it can mix uniformly into the circulating water.

BEST DOCUMENT AVAILABLE

U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (WH-547) WASHINGTON, D.C. 20460	EPA REGISTRATION NO. 33016-2	DATE OF ISSUANCE
	TERM OF ISSUANCE 1982	
	NAME OF PESTICIDE PRODUCT Commando Cooling Tower Algaecide-Slimicide	
NOTICE OF PESTICIDE: <input type="checkbox"/> REGISTRATION <input checked="" type="checkbox"/> REREGISTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)		
NAME AND ADDRESS OF REGISTRANT (Include ZIP code) Commander Chemical & Supply Co., Inc. 443 South Central Avenue Phoenix, AZ 85004		
BEST DOCUMENT AVAILABLE		
NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.		
On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.		
A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.		
Registration is in no way to be construed as an endorsement or approval of this product by this 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 product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:		
1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.		
2. Make the labeling changes listed below before you release the product for shipment:		
a. Add the phrase "EPA Registration No. 33016-2."		
b. The product name as declared on your application form, Commando Cooling Tower Algaecide-Slimicide, must be consistently declared throughout the text. Abbreviated variations are not acceptable.		
c. You are reminded that the EPA Establishment Number must appear in a suitable location on the label or on the immediate container. We recommend that you verify your EPA Establishment No. with your Regional EPA office located in San Francisco, California, for the appropriate EPA Establishment No. An application form is enclosed for your convenience.		
<input checked="" type="checkbox"/> ATTACHMENT 5 APPLICABLE		
SIGNATURE OF APPROVING OFFICIAL		DATE

33076-2

d. For the label size submitted, the STORAGE AND DISPOSAL heading and the Child Hazard Warning "KEEP OUT OF REACH OF CHILDREN" would require a 12 point type size minimum and the signal word DANGER (front panel only) would require an 18 point type size minimum.

e. Revise the statement:

may be fatal if swallowed. Causes severe eye damage and severe skin irritation, especially on broken skin.

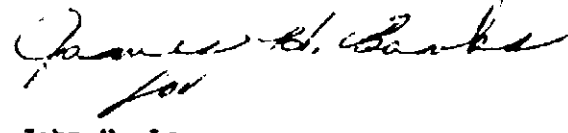
to read:

Causes severe eye and skin damage. Harmful or fatal if swallowed.

3. Submit five (5) copies of your 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, the 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.



John H. Lee
Product Manager (31)
Disinfectants Branch
Registration Division (TS-767C)