

# Chem Quat 5

## ACTIVE INGREDIENT:

Poly[oxyethylene (dimethyliminio) ethylene  
(dimethyliminio) ethylene dichloride] 5.0 %

INERT INGREDIENTS 95.0 %

This product contains 0.42 lb. of active ingredient per gallon and weighs 8.39 lb. per gallon.

**KEEP OUT OF REACH OF CHILDREN**

## CAUTION

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Harmful if swallowed. Avoid breathing dusts. Avoid contact with skin, eyes, or clothing.

**FIRST AID:** If swallowed, drink plenty of water. If inhaled, get fresh air. If in contact with skin, wash with plenty of water. Avoid contact with clothing.

**ENVIRONMENTAL HAZARDS:** Do not pollute streams, rivers, ponds, lakes, streams, or ponds. Permits may be required for discharges containing this product into lakes, streams, ponds, or public water. For guidance, contact the regional office of the Environmental Protection Agency.

## DIRECTIONS FOR USE GENERAL CLASSIFICATION

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

Chem Quat 5 is used to control algae, bacteria, and fungi in recirculating commercial and industrial water cooling towers. Prior to its use, systems must be cleaned to remove algal growth, microbiological slime, and other deposits. An initial slug addition of 13.5 to 36.3 fluid ounces of Chem Quat 5 per 1000 gallons of water to provide a concentration of 96 to 240 parts per million of Chem Quat 5, based on the total weight of water in the system, is recommended. Repeat initial dosage until control is evident.

Subsequent slug additions of 3.6 to 36.3 fluid ounces of Chem Quat 5 per 1000 gallons of water (24 to 240 parts per million of Chem Quat 5) should be employed every 2 to 5 days, or as needed. The frequency of addition depends upon the relative amount of bleedoff and the severity of the microbiological problem. Slug additions should be made in the sump of water cooling towers.

Chem Quat 5 is used to control bacteria in industrial air-washing systems that maintain effective mist eliminating components. Prior to its use, systems should be cleaned to remove bacterial slime and other deposits. An initial slug dose of 49.95 to 83.25 fluid ounces of Chem Quat 5 per 1000 gallons of water is recommended. Repeat initial dosage until control is evident. Subsequent slug additions of 33.75 to 83.25 fluid ounces of Chem Quat 5 per 1000 gallons of water should be employed each 1 to 5 days, or as needed. The frequency of addition depends upon the relative amount of bleedoff and severity of the bacterial problem. Slug additions may be made to the sump or to the water collection trays of the airwash system.

NOT REVIEWED  
In Accordance with FR Notice 32-2.  
Based on Draft Labeling Dated 5-14-84

## STORAGE AND DISPOSAL

Store in a cool, dry place. Do not store in a hot, humid area. Do not store in a poorly ventilated area. Do not store in a confined space. Do not store in a room with a high ceiling. Do not store in a room with a high humidity. Do not store in a room with a high temperature. Do not store in a room with a high concentration of dust. Do not store in a room with a high concentration of fumes. Do not store in a room with a high concentration of vapors. Do not store in a room with a high concentration of gases. Do not store in a room with a high concentration of liquids. Do not store in a room with a high concentration of solids. Do not store in a room with a high concentration of acids. Do not store in a room with a high concentration of bases. Do not store in a room with a high concentration of salts. Do not store in a room with a high concentration of other chemicals. Do not store in a room with a high concentration of other hazardous materials. Do not store in a room with a high concentration of other dangerous substances. Do not store in a room with a high concentration of other toxic materials. Do not store in a room with a high concentration of other harmful substances. Do not store in a room with a high concentration of other irritants. Do not store in a room with a high concentration of other sensitizers. Do not store in a room with a high concentration of other allergens. Do not store in a room with a high concentration of other respiratory irritants. Do not store in a room with a high concentration of other skin irritants. Do not store in a room with a high concentration of other eye irritants. Do not store in a room with a high concentration of other mucous membrane irritants. Do not store in a room with a high concentration of other respiratory sensitizers. Do not store in a room with a high concentration of other skin sensitizers. Do not store in a room with a high concentration of other eye sensitizers. Do not store in a room with a high concentration of other mucous membrane sensitizers. Do not store in a room with a high concentration of other respiratory allergens. Do not store in a room with a high concentration of other skin allergens. Do not store in a room with a high concentration of other eye allergens. Do not store in a room with a high concentration of other mucous membrane allergens. Do not store in a room with a high concentration of other respiratory irritants. Do not store in a room with a high concentration of other skin irritants. Do not store in a room with a high concentration of other eye irritants. Do not store in a room with a high concentration of other mucous membrane irritants. Do not store in a room with a high concentration of other respiratory sensitizers. Do not store in a room with a high concentration of other skin sensitizers. Do not store in a room with a high concentration of other eye sensitizers. Do not store in a room with a high concentration of other mucous membrane sensitizers. Do not store in a room with a high concentration of other respiratory allergens. Do not store in a room with a high concentration of other skin allergens. Do not store in a room with a high concentration of other eye allergens. Do not store in a room with a high concentration of other mucous membrane allergens.

Manufactured by:  
Chemtex International Ltd.  
P. O. Box 336  
Prairieville, LA 70769

EPA REG. NO. 49-15-15 EPA EST. NO. \_\_\_\_\_

NET CONTENTS \_\_\_\_\_

INERT INGREDIENT ..... 95.0 %

This product contains 0.42 lb. of active ingredient per gallon and weighs 8.39 lb. per gallon.

KEEP OUT OF REACH OF CHILDREN

## CAUTION

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Harmful if swallowed. Avoid breathing vapors. Avoid contact with skin, eyes, or clothing.

**FIRST AID:** If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution, or, if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish. Keep out of lakes, streams, or ponds. Permits may be required for discharges containing this pesticide into lakes, streams, ponds, or public water. For guidance, contact the regional office of the Environmental Protection Agency.

air-washing systems that maintain effective mist eliminating components. Prior to its use, systems should be cleaned to remove bacterial slime and other deposits. An initial slug dose of 49.95 to 83.25 fluid ounces of Chem Quat 5 \_\_\_\_\_ per 1000 gallons of water is recommended. Repeat initial dosage until control is evident. Subsequent slug additions of 33.75 to 83.25 fluid ounces of Chem Quat 5 \_\_\_\_\_ per 1000 gallons of water should be employed each 1 to 5 days, or as needed. The frequency of addition depends upon the relative amount of bleedoff and severity of the bacterial problem. Slug additions may be made to the sump or to the water collection trays of the airwash system.

### STORAGE AND DISPOSAL

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

**STORAGE:** Do not stack more than four drums high. Leaking or damaged drums should be placed in overpack drums for disposal. Spills should be absorbed in sawdust or sand and disposed of in a sanitary landfill. Keep container closed when not in use.

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

#### CONTAINER DISPOSAL

**PLASTIC:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**METAL:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

#### Manufactured by:

Chemtex International Ltd.  
P. O. Box 336  
Prairieville, LA 70769

EPA REG. NO. \_\_\_\_\_ EPA EST. NO. \_\_\_\_\_

NET CONTENTS \_\_\_\_\_

<b>U.S. ENVIRONMENTAL PROTECTION AGENCY</b> <b>OFFICE OF PESTICIDES PROGRAMS</b> <b>REGISTRATION DIVISION (R11-567)</b> <b>WASHINGTON, D.C. 20460</b>	EPA REGISTRATION NO.	DATE OF ISSUANCE
	TERM OF ISSUANCE	MAY 14 1984
	NAME OF PESTICIDE PRODUCT	
<b>NOTICE OF PESTICIDE:</b> <input checked="" type="checkbox"/> REGISTRATION, <input type="checkbox"/> REREISTRATION. <i>(Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)</i>		
NAME AND ADDRESS OF REGISTRANT (Include ZIP code)		
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.		
<input type="checkbox"/> ATTACHMENT IS APPLICABLE		
SIGNATURE OF APPROVING OFFICIAL		DATE

U.S. ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF PESTICIDES PROGRAMS  
REGISTRATION DIVISION (WH-567)  
WASHINGTON, D.C. 20460

EPA REGISTRATION NO.  
40275-18

DATE OF ISSUANCE

MAY 14 1984

TERM OF ISSUANCE

NOTICE OF PESTICIDE:  REGISTRATION  
 REREGISTRATION  
(Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended)

NAME OF PESTICIDE PRODUCT

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

10F3

Pm 32

40275-18

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.

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1. Submit and/or enclose all data required for registration/reregistration.

Product Manager (32),  
Disinfectants Branch  
Registration Division (PS-707C)

Enclosure

**BEST AVAILABLE COPY**

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

20F3

Chem Quat 5

ACCEPTANCE  
AND COMMENTS  
of EPA Letter Dnt. 1:

MAY 14 1984

40275-18

**ACTIVE INGREDIENT:**  
 Poly(oxyethylene (dimethyliminio) ethylene-  
 (dimethyliminio) ethylene dichloride) ..... 5.0 %

**INERT INGREDIENT** ..... 95.0 %

This product contains 0.42 lb. of active ingredient per gallon and weighs  
8.39 lb. per gallon.

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

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It is a violation of its labeling.  
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 240 parts pe employed every 2 upon the relative e lem. Slug additor Chem Quat 5  
 air-washing system to its use, system deposits. An initi Chem Quat 5  
 mended. Repeat tions of 33.75 per 1000 gallons o frequency of addi of the bacterial pr collection trays of

Do not contaminate wa  
**STORAGE** Do not st drums for disposal. Spl tamer closed when not  
**PESTICIDE DISPOS.** proved waste disposal f  
**CONTAINER DISPO**  
**PLASTIC** Triple rins sanitary landfill, by n smoke  
**METAL** Triple rinse sanita / landfill or b

Chemte  
 P. O.  
 Prairi  
**EPA REG. NO. \_**

**BEST AVAILABLE COPY**

801

REGISTRATION  
OF PESTICIDES  
BY EPA Letter 2041

Quat 5

MAY 13 1994

40275-18

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ethylene-  
diol ..... 5.0 %  
..... 95.0 %  
of active ingredient per gallon and weighs

### REACH OF CHILDREN

### CAUTION

### PRIMARY STATEMENTS HUMANS AND DOMESTIC ANIMALS

Avoid breathing vapors. Avoid contact with  
promptly a large quantity of milk, egg whites,  
if not available, drink large quantities of water.  
Immediately.

NOTES: This pesticide is toxic to fish. Keep out of  
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