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SEP 15 1983
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OLIN 3004

Algicide for industrial recirculating water towers

EPA Reg. No.
33576-7-AA-50607

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMAN AND DOMESTIC ANIMALS

DANGER: HIGHLY CORROSIVE - CAUSES EYE DAMAGE AND SKIN BURNS. IRRITATING TO NOSE AND THROAT. MAY BE HARMFUL IF INHALED. MAY BE FATAL IF SWALLOWED.

Do not get in eyes, on skin, or on clothing. Do not handle with bare hands. Wear goggles or face shield and use neoprene gloves and only thoroughly clean utensils when handling. Irritating to nose and throat. Avoid breathing fumes. Remove and wash contaminated clothing to avoid fire.

ENVIRONMENTAL HAZARDS - This pesticide is toxic to fish. Do not discharge into lakes, streams, ponds or public water unless in accordance with an NPDES permit. For guidance, contact your Regional Office of the EPA. Do not contaminate water by cleaning of equipment or disposal of waste. Apply this pesticide only as specified on this label.

CHEMICAL HAZARDS: Danger: Dry OLIN 3004 is a strong oxidizing agent. Mix only into water. Contamination may start a chemical reaction with generation of heat, liberation of hazardous gases (chlorine dioxide - a poisonous explosive gas), and possible fire and explosion. Do not contaminate with garbage, dirt, organic matter, household products, chemicals, soap products, paint products, solvents, acids, vinegar, beverages, oils, pine oil, dirty rags or any other foreign matter.

EMERGENCY HANDLING: In case of contamination or decomposition, do not reseal container. If possible, isolate container in open and well-ventilated area. Flood with large volumes of water. If fire occurs, extinguish fire by applying large volumes of water. Any unopened drums near the fire should be cooled by spraying with water.

ACTIVE INGREDIENTS: Sodium Chlorite* 25%
INERT INGREDIENTS ... 75%
(*AVAILABLE CHLORINE 39%)
Contains 2.58 lbs. Sodium Chlorite per gallon at 70°.

Keep Out Of Reach Of Children

DANGER

"See precautionary statement on side panel"

FIRST AID - STATEMENT OF PRACTICAL TREATMENT

If in EYES: Flush with plenty of water for at least 15 minutes. Call a physician.

If on Skin: Flush skin with cold water for at least 15 minutes. Call physician.

If Swallowed: Give large amounts of water. Call physician.

It is a violation of Federal Law with its labeling
DIRECTIONS FOR CONTROL IN RECIRCULATING
1. Clean badly fouled systems before
2. When the system is noticeably fouled, add Olin 3004 per 1,000 gallons of water until control is evident.
3. Where algae control is evident, add Olin 3004 per 1,000 gallons of water as needed to maintain control.
4. Add Olin 3004 directly to the inlet to the recirculating pump.

STORAGE

STORAGE: Do not contaminate. Keep product dry in tightly closed roll or skid drum. Keep upright in well-ventilated area away from empty container.
DISPOSAL: Triple rinse for reconditioning, or puncture and incineration, or if allowed by state, burned, stay out of smoke. Pesticide wastes are toxic. Improper mixture, or rinsate is a violation. Dispose of by use according to Pesticide or Environmental Control Representative at the nearest EPA Region.

7/83

FOR INDUSTRIAL USE ONLY

OLIN WATER SERVICES Overland Park, Kansas 66210
Olin (Overland Park) Station, Overland Park, Kansas 66210

BEST DOCUMENT AVAILABLE

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ACCEPTED
33576-7
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OLIN 3004

EPA Est. No.
33576-CA-1
33576-KS-1
33576-NY-1

Algicide for industrial recirculating water towers

DIRECTIONS FOR USE

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

DIRECTIONS FOR CONTROLLING THE GROWTH OF ALGAE IN RECIRCULATING COOLING WATER TOWERS.

1. Clean badly fouled systems before starting treatment.
2. When the system is noticeably fouled, add an initial dosage of 8.5 fl. ozs. of Olin 3004 per 1,000 gallons of water in the system. Repeat if necessary until control is evident.
3. Where algae control is evident, use a subsequent dose of 4.25 fl. ozs. of Olin 3004 per 1,000 gallons of water in the system twice a week or as needed to maintain control.
4. Add Olin 3004 directly to the cooling tower drip pan (cold water basin) near the inlet to the recirculating pump.

STORAGE AND DISPOSAL

STORAGE: Do not contaminate water, food or feed by storage or disposal. Keep product dry in tightly closed container when not in use. Don't drop, roll or skid drum. Keep upright. Always replace cover. Store in a cool, dry, well-ventilated area away from heat or open flame. Do not reuse empty container.

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

"Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance."

ACTIVE INGREDIENTS: Sodium Chlorite* 25%
INERT INGREDIENTS 75%
(*AVAILABLE CHLORINE 39%)
Contains 2.58 lbs. Sodium Chlorite per gallon at 70°.

Keep Out Of Reach Of Children

DANGER

"See precautionary statement on side panel"

FIRST AID - STATEMENT OF PRACTICAL TREATMENT

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If on Skin: Flush skin with cold water for at least 15 minutes. Call physician.

If Swallowed: Give large amounts of water. Call physician.

FOR INDUSTRIAL USE ONLY

Gal. Net Contents

Olin WATER SERVICES

Overland Park, Kansas 66210

Olin Corporation

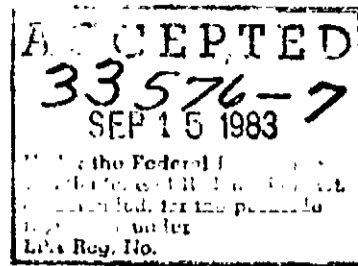
Stanford, Conn. 06904

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DOCUMENT AVAILABLE

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SUPPLEMENTAL LABELING
CHLORINE DIOXIDE PRECURSOR
OLIN 3004



Active Ingredients:
Sodium Chlorite.....25%
Inert Ingredient..... 75%
Available Chlorine.....39%
EPA Reg. No. 33576-7

For use in the mechanical generation of chlorine dioxide as a disinfectant, sanitizer, or for microorganism control and as a chemical oxidant in aquatic systems.

DIRECTIONS FOR USE

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

FEED REQUIREMENTS

Feed rates of OLIN 3004 will depend on the severity of contamination and the degree of control desired. The exact dosage will depend on the size of the system and residual necessary for effective control. Approximately one pound of chlorine dioxide is generated from 6.8 pounds of OLIN 3004 and an aqueous solution of chlorine.

Some examples of industrial applications of chlorine dioxide include:

- Potable water disinfection and removal of sulfide.
- Control of bacterial slime and algae in industrial recirculating and one-pass cooling systems.
- Biocontrol in food processing flumes, water-using equipment, cooling water, and recycled waters.
- Disinfection of sewage and plant wastes.
- Destruction of phenolics, simple cyanides and sulfides by chemical oxidation.
- Bacterial slime control in white water paper mill systems.
- Bacterial control in oil well and petroleum systems.

Your Olin representative can guide you in the application techniques.

METHOD OF FEED

Large amounts of chlorine dioxide can be generated by two common methods: 1.) the chlorine method which utilizes OLIN 3004 and chlorine gas, or 2.) the hypochlorite method which utilizes OLIN 3004, a hypochlorite solution and an acid. Your Olin representative can guide you in the selection, installation and operation of feed systems.

Consult product bulletin and also the instructions on the chlorine dioxide generation system before using OLIN 3004.

User is responsible for compliance with applicable Federal, State and local laws regarding proper use and disposal of the chlorine dioxide generated.

KEEP OUT OF REACH OF CHILDREN

DANGER

See Principal Label For Complete Precautionary Information
and Storage and Handling Instructions

OLIN Water Services
120 Long Ridge Road
Stamford, Connecticut 06904