



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (H7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:

8540-23

Date of Issuance:

MAY 22 2001

NOTICE OF PESTICIDE:

Registration  
 Reregistration

(under FIFRA, as amended)

Term of Issuance: Conditional

Name of Pesticide Product:

Garratt-Callahan Formula 315

Name and Address of Registrant (include ZIP Code):

Garratt-Callahan Company.  
One Eleven Rollins Road  
Millbrae, CA 94030-3114

Note: Changes in labeling 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 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.

Registration is in no way to be construed as an endorsement or recommendation of this product by the 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.

Based on your response to the Reregistration Eligibility Document for Methylisothiazolene RED, EPA has reregistered the above name product subject to the comments recorded in the succeeding paragraph. This action is taken under the authority of section 4(g)(2)(c) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

1. Make the following label changes:
  - a. Revise the EPA Registration Number to read "EPA Reg. No. 8540-23".

Signature of Approving Official:

Marshall Swindell, PM 33  
Regulatory Management Branch 1  
Antimicrobial Division (7510C)

Date:

MAY 22 2001

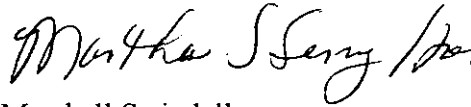
Page 2  
EPA Registration No. 8540-23

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.

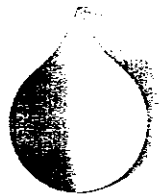
If you have any questions concerning this letter, please contact Martha Terry at (703) 308-6217.

Sincerely,



Marshall Swindell  
Product Manager 33  
Regulatory Management Branch 1  
Antimicrobial Division (7510C)

Enclosure



# Garratt-Callahan Company

WATER TREATMENT PRODUCTS AND SERVICES SINCE 1904

www.g-c.com

Main Office: 111 Rollins Road, Millbrae, CA

Plants: Addison, IL Atlanta, GA Ec

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMAL

### DANGER (PELIGRO)

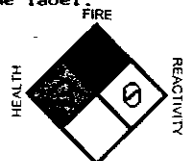
**CORROSIVE**  
**CAUSES IRREVERSIBLE EYE DAMAGE AND SKIN BURNS**  
**HARMFUL IF SWALLOWED**  
**HARMFUL IF INHALED**

Do not get in eyes, on skin, or on clothing. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Remove contaminated clothing and wash clothing before reuse.

Mixers, loaders and others exposed to this product must wear: long-sleeved shirt and long pants; chemical resistant gloves such as nitrile or butyl rubber; shoes plus socks; goggles and face shield; and chemical resistant apron. Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. 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. Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly.

#### ENVIRONMENTAL HAZARDS

This pesticide is toxic to aquatic plants, fish and aquatic invertebrates. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA. Do not contaminate water by cleaning of equipment or disposal of waste. Apply this pesticide only as specified on the label.



PRODUCT NO.  
NET WEIGHT:

315  
8.4

## GARRATT-CALLAHAN FORMULA 315

INDUSTRIAL MICROBICIDE FOR USE IN RECIRCULATING WATER COOLING TOWERS AND AIR WASHER SYSTEMS, RECIRCULATING CLOSED LOOP WATER COOLING SYSTEMS, BREWERY PASTEURIZER/CAN WARMER SYSTEMS AND IN PAPER MILLS.

### ACTIVE INGREDIENTS:

5-CHLORO-2-METHYL-4-ISOTHIAZO-LIN-3-ONE	1.11%
2-METHYL-4-ISOTHIAZOLIN-3-ONE	0.39%
INERT	98.5%
<b>TOTAL</b>	<b>100.0%</b>

GARRATT-CALLAHAN FORMULA 315 WEIGHS 8.4 POUNDS PER GALLON

**KEEP OUT OF REACH OF CHILDREN**  
**(ALEJE DE ALCANCE DE NIÑOS)**  
**DANGER (PELIGRO)**

### FIRST AID

**IF IN EYES:** Hold eyes 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. Call a poison control center or doctor for treatment advices.

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor.

**IF ON SKIN:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsions may be needed.

SEE LEFT PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS FOR MEDICAL EMERGENCY CALL (303) 623-5716, 24 hrs.

### DIRECTIONS FOR GENERAL CLASSIFICATION

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

For the control of bacteria in Callahan Formula 315 to: TOWERS, INDUSTRIAL RECIRCULATING WATER COOLING TOWERS, BREWERY PASTEURIZER AND CAN WARMER SYSTEMS.

Add Garratt-Callahan Formula 315 to the system at the box or some other point to the system.

**INITIAL DOSE:** When the system is new, apply 148 to 883 ppm Garratt-Callahan Formula 315 (1.26 to 7.46 pounds or 19 to 111 fluid ounces) per 1000 gallons of water in the system. Repeat until control is achieved.

**SUBSEQUENT DOSE:** When microorganisms are present, apply 35 to 219 ppm Garratt-Callahan Formula 315 (0.2 to 1.86 pounds or 3 to 33 fluid ounces) per 1000 gallons of water in the system depending upon the degree of contamination to control bacteria. Repeat until control is achieved. Cause fouling in industrial systems must be cleaned before treatment.

#### AIR WASHER SYSTEMS

Add to the air washer sump water. Maintain uniform mixing, 35 to 883 ppm (0.2 to 1.86 pounds or 3 to 33 fluid ounces) per 1000 gallons of water in the system depending upon the degree of contamination to control bacteria. Repeat until control is achieved. Cause fouling in industrial systems must be cleaned before treatment.

#### INTERMITTENT OR

**INITIAL DOSE:** When the system is new, apply 148 to 883 ppm Garratt-Callahan Formula 315 (1.26 to 7.46 pounds or 19 to 111 fluid ounces) per 1000 gallons of water in the system. Repeat until control is achieved.

**SUBSEQUENT DOSE:** When microorganisms are present, apply 35 to 219 ppm Garratt-Callahan Formula 315 (0.2 to 1.86 pounds or 3 to 33 fluid ounces) per 1000 gallons of water in the system. Repeat until control is achieved.

with  
in EP

MAY

Under the  
Fungicide,  
amended,  
registered

8-5



# Garratt-Callahan Company

WATER TREATMENT PRODUCTS AND SERVICES SINCE 1904

www.g-c.com

Main Office: 111 Rollins Road, Millbrae, CA 94030 (650) 697-5811 FAX (650) 692-6098

Plants: Addison, IL Atlanta, GA Edison, NJ Dallas, TX Millbrae, CA

### CONTINUOUS FEED METHOD

**INITIAL DOSE:** When the system is just noticeably fouled, apply 148 to 883 ppm Garratt-Callahan Formula 315 (1.26 to 7.45 pounds or 19 to 113 fluid ounces of Garratt-Callahan Formula 315) per 1000 gallons of water in the system.

**SUBSEQUENT DOSE:** Maintain this treatment level by adding a continuous feed of 35 to 219 ppm Garratt-Callahan Formula 315 (0.3 to 1.86 pounds or 4.5 to 28 fluid ounces of Garratt-Callahan Formula 315) per 1000 gallons of makeup water.

Badly fouled systems must be cleaned before initial treatment. **NOTE:** For use only in industrial air washing systems that maintain effective mist eliminating components.

### IN PAPERMILL WATERS

**DOSAGE:** Apply 0.44 to 1.5 pounds of Garratt-Callahan Formula 315 per ton (dry basis) of pulp or paper produced as a slug dose. If necessary, repeat daily. Badly fouled systems should be cleaned before the initial treatment.

**POINT OF ADDITION:** Add Garratt-Callahan Formula 315 at a point in the system that assures uniform mixing for example, at the beater, the hydropulper, or the fan or broke storage pump.

### CONDITIONS OF SALE AND WARRANTY

Garratt-Callahan warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label only when used in accordance with label directions under normal conditions of use. GARRATT-CALLAHAN MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES EITHER OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE. Handling, storage, and use of the product by Buyer or User are beyond the control of Garratt-Callahan. Risk such as ineffectiveness or other unintended consequences resulting from, but not limited to, failure to follow label directions will be assumed by Buyer or User. **IN NO CASE WILL GARRATT-CALLAHAN BE HELD LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE OR USE OF THIS PRODUCT.**

### STORAGE AND HANDLING PROHIBITIONS

This product is corrosive to mild steel. Do not store or transport in unlined metal containers. Do not contaminate water, food or feed by storage, disposal.

### PESTICIDE DISPOSAL

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide 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.

### CONTAINER DISPOSAL

### METAL CONTAINERS:

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

### PLASTIC CONTAINERS:

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

### GENERAL

CONSULT FEDERAL, STATE AND LOCAL DISPOSAL AUTHORITIES FOR APPROVED ALTERNATIVE PROCEDURES.

EPA REG. NO 8540-23  
EPA EST. NO.  
8540-1-CA : : :  
8540-1-TX : : :  
8540-1-GA : : :  
8540-1-IL : : :  
8540-1-NJ : : :  
\*\*\*\*\*

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:  
MAY 22 2001

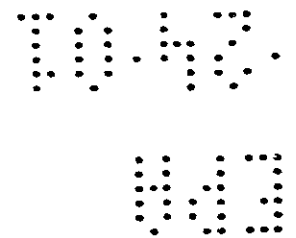
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No.  
8540-23

MANUFACTURED BY: GARRATT-CALLAHAN COMPANY  
REV. 01/2001

CORROSIVE LIQUID, ACIDIC,  
ORGANIC, N.O.S., 8, UN3265  
PGII, (5-CHLORO-2-METHYL-4-  
ISOTHIAZOLIN-3-ONE)



CORROSIVE LABEL REQUIRED



424