

EPA Reg. No.
33576-37

OLIN 3312

bactericide and fungicide for use in industrial recirculating cooling water systems

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

CAUSES EYE AND SKIN IRRITATION. DO NOT GET IN EYES, ON HANDS OR ON CLOTHING. WEAR GOGGLES OR FACE SHIELD, GLOVES AND PROTECTIVE CLOTHING (LONG SLEEVED SHIRT, LONG PANTS AND BOOTS) WHEN HANDLING. IF SWALLOWED, AVOID CONTAMINATION OF FOOD AND DRINKING WATER.

ENVIRONMENTAL HAZARDS: This product is highly toxic to aquatic life. Do not discharge into streams, rivers, lakes, or other bodies of water. Do not discharge into ground water by leaching.

STORAGE AND DISPOSAL

STORAGE: Store in original container. Do not use if container is damaged or if contents are empty. Store in a cool, dry place. Do not store in areas where children or animals can have access.

HAZARDOUS WASTE DISPOSAL: When disposing of this product, follow the instructions on the label. Do not discharge into the environment.

CONTAINER DISPOSAL: This product is highly toxic. Do not reuse. Do not burn. Do not incinerate. Do not dump into the environment. Do not discharge into the environment.

ACTIVE INGREDIENTS

Sodium Dimethyldithiocarbamate	3.75%
Nabam (Disodium Ethylene Bisdithiocarbamate)	3.75%
INERT INGREDIENTS	92.50%

Keep Out of Reach of Children

WARNING

FIRST AID-STATEMENT OF PRACTICAL TREATMENT

If in EYES or on SKIN, immediately flush with plenty of water for at least 15 minutes. For EYES, call a physician. Remove and wash contaminated clothing before reuse.

If SWALLOWED, drink promptly a large quantity of milk, egg whites, gelatin solution or, if these are not available, plenty of water. Call a physician immediately.

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

Badly fouled systems may require pre-cleaning before use. Olin 3312 is highly effective against fungi in industrial recirculating cooling water systems, air handlers, and

INDUSTRIAL USE ONLY

Begin treatment when cleaning systems. Systems must be cleaned before use. Do not use in drinking water systems.

INITIAL DOSE: Apply 1.0 oz per 100 gal of water in a recirculating system. 478 ppm shock dose with 1.0 oz per 100 gal.

SUBSEQUENT DOSE: Apply 0.5 oz per 100 gal of water in a recirculating system. Olin 3312 per 1000 days or as needed.

See Product Bulletin for full use directions.

ACCEPTED

OCT 25 1984

FOR INDUSTRIAL USE ONLY
Repackaged By

U.S. Environmental Protection Agency
EPA Reg. No. 33576-37

Olin WATER SERVICES Overland Park, Kansas 66210
Olin Corporation Stamford, Conn. 06904

OLIN 3312

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

Fungicide for use in industrial recirculating cooling water systems and cane sugar mills

STATEMENTS AND DOMESTIC ANIMALS KEEPING

DO NOT GET IN EYES. ON
EYE GOGGLES OR FACE SHIELD
WEAVE CLOTHING. LONG SLEEVED
BOOTS WHEN HANDLING
DANGER CONTAMINATION OF FOOD

Support to a variety of fish. Do not
use in ponds from which water may be
drinking water. Clean water by cleaning

DISPOSAL

For information regarding disposal
of this pesticide, contact the
pesticide manufacturer.
Do not use this product near
water disposal facility.
This pesticide is a hazardous
waste. Dispose of in a sanitary
manner. State and local authorities
may have regulations. Do not
dispose of in a sanitary
manner.

ACTIVE INGREDIENTS

Sodium Dimethyldithiocarbamate 3.75%

Nabam (Dimethyl Ethylene Bis dithiocarbamate) 3.75%

INERT INGREDIENTS 92.50%

DIRECTIONS FOR USE

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

Badly fouled systems must be cleaned before treatment is begun.

OLIN 3312 is highly effective for controlling the growth of bacteria and fungi in industrial recirculating water cooling towers, evaporative condensers, air washers, and cane sugar mills.

INDUSTRIAL CIRCULATING COOLING WATER SYSTEMS

Begin treatment when the system is in jeopardy of becoming affected or after cleaning systems whose efficiency is already impaired. Badly fouled systems must be cleaned before treatment is begun. For best results, do feed at a point in the system where the product will be well mixed.

INITIAL DOSE: Apply 58.9 fl. oz. OLIN 3312 per 1,000 gal. water in system (478 ppm). Repeat weekly or more frequently, if needed to control growth of slime-forming organisms.

SUBSEQUENT DOSE: When control is achieved, add 9.9 to 19.7 fl. oz. OLIN 3312 per 1,000 gal. water in system, 50.4 to 160 ppm, weekly, then daily or as needed.

CANE SUGAR MILLS

See Product Bulletin for OLIN 3312 Cane Sugar Mills. Bulletin in English for use directions.

Gal. Net Contents

Keep Out of Reach of Children

WARNING

FIRST AID-STATEMENT OF PRACTICAL TREATMENT

If in EYES or on SKIN immediately flush with plenty of water for at least 15 minutes. For EYES, call a physician. Remove and wash contaminated clothing before reuse.

If SWALLOWED drink promptly a large quantity of milk, egg whites, gelatin solution or if these are not available plenty of water. Call a physician immediately.

ACCEPTED

OCT 5 1984

FOR INDUSTRIAL USE ONLY
Repackaged By

Registered under 33576-57
EPA Reg. No.

OLIN WATER SERVICES Overland Park, Kansas 66210
Olin Corporation Stamford, Conn. 06904

PHYSICAL PROPERTIES

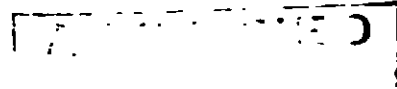
Appearance

Color

Odor

Taste

Specific Gravity



PACKAGING

STORAGE

HANDLING

DOSAGE

Olin CHEMICALS

120 LONG RIDGE RD - STAMFORD, CONN 06904

November 24, 1975

Mr. James H. Banks
Product Manager (33)
Disinfectants Branch
Registration Division (WH-567)
EPA
401 M Street, S.W. (East Tower)
Washington, D. C. 20460

Subject: Olin 3312
File Symbol 33576-37
Your letter of Aug. 7 attached

Dear Mr. Banks:

Please find attached 5 copies of the finished product bulletin for our final review.

We hope everything is satisfactory and we can receive registration shortly.

Sincerely yours,

E. H. Klein

E. H. Klein
Assistant Manager
Registration & Regulatory Services

HHK:acb
Attachments



UNDER THE FEDERAL INSECTICIDE
FUNGICIDE AND RODENTICIDE ACT
FOR ECONOMIC PESTMANAGEMENT
EPA ORDER NO. 33576-37

OLIN 3312

**bactericide and fungicide for use in industrial recirculating
cooling water systems and cane sugar mills**

DIRECTIONS FOR USE:

OLIN 3312 is highly effective for controlling the growth of bacteria and fungi in industrial recirculating water cooling towers, evaporative condensers, air washers, and cane sugar mills.

INDUSTRIAL CIRCULATING COOLING WATER SYSTEMS: Begin treatment when the system is in jeopardy of becoming affected or after cleaning system whose efficiency is already impaired. Badly fouled systems must be cleaned before treatment is begun. For best results slug feed at a point in the system where the product will be well mixed.

INITIAL DOSE: Apply 58.09 fl. oz. Olin 3312 per 1,000 gal. water in system (478 ppm). Repeat weekly or more frequently if needed to control growth of slime-forming organisms.

SUBSEQUENT DOSE: When control is evident, add 99 to 197 fl. oz. Olin 3302 per 1,000 gal. water in system (80.4-160 ppm) every three days or as needed.

CANE SUGAR MILLS: See Product Bulletin for Olin 3312 Cane Sugar Mill Bactericide-Fungicide for use directions.

ACTIVE INGREDIENTS

Sodium Dimethyldithiocarbamate 3.75%

Nabam (Disodium Ethylene Bisdithiocarbamate) 3.75%

INERT INGREDIENTS

92.50%

EPA Reg. No. 33576-37-AA-50607

WARNING

Keep Out Of Reach of Children

Causes eye and skin irritation. Do not get in clothing. Wear goggles or face shield and rubber gloves. Harmful if swallowed. Avoid contamination of food.

FIRST AID: In case of contact, immediately flush with plenty of water for at least 15 minutes. For eye contact, remove and wash contaminated clothing before reentry.

If swallowed, drink promptly a large quantity of water. Call a physician immediately.

This product is toxic to fish. Treat effluent where it will drain into lakes, streams, ponds, or farm water by cleaning of equipment and disposal.

Do not reuse empty containers. Do not crush or burn. Do not crush or burn. Do not crush or burn.

EPA Reg No. 33576-37-AA-50607
FOR INDUSTRIAL USE ONLY