

PRECAUTIONARY STATEMENTS

DANGER

**HAZARDS TO HUMANS
AND DOMESTIC ANIMALS**

Keep out of Reach of Children

Corrosive. Causes burns. Causes eye damage and skin irritation. Avoid breathing vapors. Do not get in eyes, on skin, or on clothing. May be absorbed through skin. Wear goggles or face shield and rubber gloves when handling. May be harmful or fatal if swallowed. Avoid contamination of food.

ENVIRONMENTAL HAZARDS

This pesticide is **TOXIC TO FISH**. Do not apply in marine and/or estuarine oil fields. Do not discharge treated effluent into lakes, streams, ponds, or public waters unless in accordance with an NPDES permit. For guidance contact your local Regional Office of the EPA. Do not contaminate water by cleaning of equipment, or disposal of wastes.

FIRE HAZARDS

DO NOT use or store near heat or open flame.

STORAGE AND HANDLING

BACTRON K-31 MICROBIOCIDAL solutions are corrosive to many commonly used materials of construction such as steel, galvanized iron, aluminum, tin, and zinc. These solution can be stored and handled in baked phenolic-lined steel, stainless steel, or reinforced epoxy plastic equipment. This product freezes at about -40°F. If lower temperature than this are expected insulation may be required. For short storage times (up to about a month) temperatures up to 100°F can be tolerated, but the preferred maximum storage temperature is about 80°F.

A stainless steel centrifugal pump is suggested for transfer service. Asbestos is suitable for gaskets and packing.

STORAGE AND DISPOSAL

1. PROHIBITIONS-Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty containers.
2. PESTICIDE DISPOSAL-Pesticide wastes are acutely hazardous. 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.
3. CONTAINER DISPOSAL: (a) Reseal container and offer for reconditioning, or (b) triple rinse (or equivalent) and offer for recycling, reconditioning or disposal in approved landfill.
4. GENERAL- Consult Federal, State, or local disposal authorities for approved alternative procedures.

(Continued on right side panel)

**BACTRON K-31
MICROBIOCIDAL**

MICROBIOCIDAL FOR USE IN CONTROLLING
SULFATE-REDUCING BACTERIA IN OIL WELL DRILLING
AND OIL FIELD PROCESSING APPLICATIONS

Active Ingredients	25%
Glutaraldehyde	
Inert Ingredients	75%
	100%

(This product weights 8.85 lbs./gal.)

**KEEP OUT OF REACH OF CHILDREN
DANGER**

Statement of Practical Treatment

In case of contact, immediately flush eyes or skin 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, or gelatin solution. If these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

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

Net Weight (lbs.)
Net Volume (U.S. gals.)

487 ACCEPTED
55
with COMMENTS
In EPA Letter Date

Champlon Chemicals, Inc. AUG 20 1985

PO Box 45509 • Houston, Texas 77045
Manufacturing address 115 Proctor, Odessa, Texas 79762

EPA Establishment No
EPA Registration No

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

8153-20

(Continued from left side panel)

**Directions for Use
GENERAL CLASSIFICATION**

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

Use BACTRON K-31 MICROBIOCIDAL as directed. The frequency of addition of microbiocide needed depends on many factors. To optimize your use of BACTRON K-31 MICROBIOCIDAL, follow this procedure.

Drilling Muds:

1. Calculate the total volume of the drilling mud system. Using this volume, calculate the number of gallons of microbiocide needed to produce a concentration of approximately 2000 ppm BACTRON K-31 MICROBIOCIDAL. For example, 85 gallons of microbiocide per each 1000 barrels of total volume will produce this dilution.
2. While the system is circulating, add the microbiocide in a thin stream.
3. As the depth increases (increasing the total volume of the system) add additional microbiocide to maintain the proper concentration.

Workover Fluids:

1. Calculate the total volume of the workover fluid system. Using this volume, calculate the number of gallons of microbiocide needed to produce a concentration of approximately 2000 ppm BACTRON K-31 MICROBIOCIDAL. For example 85 gallons of microbiocide per each 100 barrels of total volume will produce this dilution.
2. Add the microbiocide.
3. Circulate the workover fluid system until the fluid returns clear.
4. Shut the system down and idle for several hours.
5. Remove the workover fluid. The well should be ready for productive use.

Oil Well Water Floods:

1. Calculate the total volume of the water flood system. Using this volume, calculate the number of gallons of microbiocide needed to produce a concentration of approximately 150 ppm BACTRON K-31 MICROBIOCIDAL. For example, 6.3 gallons of microbiocide per each 1000 barrels of total volume will produce this dilution.
2. Add the microbiocide as a slug or intermittently.
3. The addition of 50 ppm BACTRON K-31 MICROBIOCIDAL each week is recommended to maintain bacterial control. This may be accomplished by adding 2 gallons of microbiocide to each 1000 barrels of total volume.

11.21
#2122-10

MOGUL AG-471

320
Proof
7-2

PRECAUTIONARY STATEMENTS

CAUTION

**HAZARD TO HUMANS
AND DOMESTIC ANIMALS**

**HARMFUL IF SWALLOWED
DO NOT TAKE INTERNALLY**

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public waters unless this product is specifically identified and addressed in an NPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA. Do not contaminate waters by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and 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: 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.

For inhibition of microbiological growths (algae, fungi and bacteria) in industrial recirculating cooling water towers and air washers.

INGREDIENTS

ACTIVE INGREDIENTS:

n-Alkyl (60% C₁₄, 30% C₁₆, 5% C₁₂, 5% C₁₈)
dimethyl benzyl ammonium chlorides 3.0%
Bis (tri-n-butyltin) oxide 0.6%

INERT INGREDIENTS 96.4%
100.0%

NET CONTENTS _____ GALLONS

EPA Reg. No. 8591-1

DIRECTIONS FOR USE

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

INDUSTRIAL COOLING WATER

To inhibit microbiological growth, use an initial dose of 1 to 1½ gallons (1004 - 1506 ppm) MOGUL AG-471 per 1000 gallons of water contained in the system. Then, continue with periodic dosages of 1 to 1½ quarts (251 - 376 ppm) per 1000 gallons of contained water. Intervals between dosages will normally be 5 to 10 days.

AIR WASHERS

NOTE: For use only in industrial air washer systems that maintain effective mist eliminating components. Badly fouled systems must be cleaned before treatment is begun.

In treating air washer systems, pre-clean by introducing a suitable detergent solution into the system and allow air washer to run with fan off for two hours. Flush. Check all nozzles and manually clean those that are plugged. Add product specified under directions for industrial cooling water.

KEEP OUT OF REACH OF CHILDREN CAUTION

STATEMENT OF PRACTICAL TREATMENT:
Avoid contact with the skin or eyes. In the event of contact, wash skin with soap and water; for eyes, flush thoroughly with clean water and get medical attention if irritation persists for more than a few minutes.

**IN CASE OF MEDICAL EMERGENCY
CALL COLLECT
(216) TEL-SAFE or (216) 835-7233**

In the event of contact with clothing, remove contaminated clothing and wash thoroughly with soap and water before reuse.

NOTICE: Seller warrants that this product complies with the specifications expressed in this label. Seller makes no other warranties, disclaims all other warranties, express or implied, including but not limited to warranties of merchantability and fitness for intended purpose. Seller's liability for default, breach, or failure under this label shall be limited to the amount of the purchase price. Seller shall have no liability for consequential damages.

ACCEPTED
8591-1
AUG 20 1985
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. Sold By:

DEXTER MOGUL DIVISION
THE DEXTER CORPORATION

Nalco Chemical Co.
Visco Div.
P.O. Box 87
Sugarland, TX 77478

Attention: Mr. R. S. Littmann

Gentlemen:

Subject: Nalco Visco 3990 Bacteria Control Chemical
and Corrosion Inhibitor
EPA Registration No. 10349-15
Your Submission Dated June 7, 1985
EPA Received Date: June 14, 1985

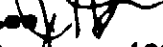
The submitted labels were considered as the DRAFT labels requested in our letter of January 16, 1985.

The label referred to above, submitted in connection with registration under FIFRA is acceptable, provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:
 - a. Introduce the sentence "Do not apply in marine and/or estuarine oil fields" after the first sentence "This Product is Toxic to Fish," and before the sentence "Do Not Discharge"
2. Submit five (5) copies of your final printed labeling before you release the product for shipment.

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

Sincerely yours,

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

RD/FHB;JOB:51728;CBI-B:8/8/85;Del:8/19/85;Kendrick&Co.;898-1270:DAA

CONCURRENCES

SYMBOL								
SURNAME								
DATE								