

FRONT PANEL
16 oz oblong can
DRAFT 8-29-83

From the laboratories of U.S. Borax Research Corporation

BIOBOR® DIESEL DOCTOR™ MC

Antimicrobial Diesel Fuel Conditioner for marine and
commercial diesel engines

Inhibits the growth of most bacteria and fungi that are
harmful to your diesel engine and fuel system.

ACTIVE INGREDIENTS:

2,2'-(1-methyltrimethylenedioxy)bis-	
(4-methyl-1,3,2-dioxaborinane).....	7.9%
2,2'-oxybis(4,4,6-trimethyl-1,3,2-dioxaborinane)	3.2%
INERT INGREDIENTS.....	88.9%
	100.0%

EPA Reg. No. 1624-119

KEEP OUT OF REACH OF CHILDREN

CAUTION: SEE SIDE PANELS FOR OTHER PRECAUTIONARY
STATEMENTS.

NET CONTENTS 1 U.S. PINT (16 Fl.Oz.)

A 20 MULE TEAM® Product

Company Logo

ACCEPTED
with COMMENTS
in EPA Letter Dated:

SEP 13 1983

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
1624-119

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RIGHT SIDE PANEL
16 oz oblong can
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PRECAUTIONARY STATEMENTS:

PHYSICAL OR CHEMICAL HAZARD: Keep from heat and open flame.

STORAGE AND DISPOSAL: Do not reuse empty container. Wrap container and put in trash. Do not apply directly to water. Do not contaminate water, food, or feed by storage or disposal.

LEFT SIDE PANEL
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PRECAUTIONARY STATEMENTS:

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Avoid contact with skin or eyes. In case of contact immediately flush eyes or skin with plenty of water. Get medical attention if irritation persists.

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1604-117

BACK PANEL

16 oz oblong can

DRAFT 8-29-83

BIOBOR[®] DIESEL DOCTORTM MC

DIESEL FUEL ANTIMICROBIAL CONDITIONER
for marine & commercial diesel engines

TREATS UP TO 100 GALS. OF FUEL

POWERFUL REMEDY FOR DIESEL SLIME & SLUDGE

Your diesel engine is special. It's designed for greater fuel economy than a gasoline engine and to last up to four times as long. But, Diesel Slime & Sludge can stop a diesel engine short. It's caused by the billions of tiny bacteria and fungi that don't proliferate in gasoline, but love to grow in your diesel fuel. Without treatment, Diesel Slime & Sludge can destroy fuel economy and damage expensive parts in your fuel system. Since diesel economy comes from increased mileage, and not fuel cost, it makes sense to spend a few cents more per gallon to protect your diesel engine from damage. BIOBOR DIESEL DOCTOR MC is the best remedy for Diesel Slime & Sludge.

BEWARE OF THE SYMPTOMS

The bacteria and fungi that grow in diesel fuel can produce a by-product acid inside your fuel tank and lines. This acid can corrode and damage your engine's vital parts: the expensive high-pressure fuel pump; injector tips; tank; lines and hardware. The microorganisms themselves form a sludge that will clog your fuel lines and filters. When that happens, your diesel loses performance and may stop running; and you begin paying for expensive repairs. Watch for missing, rough idling, loss of power, increased exhaust, and stalling. Those symptoms may be warning you of Diesel Slime & Sludge. BIOBOR DIESEL DOCTOR MC can help solve the problem and will control its recurrence.

ACCEPTED
with COMMENTS
In EPA Letter dated:

SEP 13 1983

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as amended, for the pesticide
registered under EPA Reg. No.

1624-119

BACK PANEL (CONTINUED)
16 oz oblong can
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THE TREATMENT IS EASY.

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

For quicker control, we recommend a double dose of BIOBOR DIESEL DOCTOR MC initially. This "shock treatment" will help control any severe contamination that already may be in your fuel system. If your diesel already has a severe buildup of bacterial sludge, the engine may lose power, run rough, or stall during the first week or 400 miles after treatment. We recommend close observation of engine performance to detect possible plugging of filters. This merely indicates that you already had a sludge problem and BIOBOR DIESEL DOCTOR MC is working to cure it. It's cleaning your fuel system of the sludge residue, which is being trapped by the fuel filters. This initial treatment may require replacing the fuel filters, which inexpensively removes the sludge residue before it eventually destroys valuable parts of your fuel system. We also recommend that extra filters are carried aboard the marine vessel or commercial vehicle during the first week or two of this program. BIOBOR DIESEL DOCTOR MC is both a treatment for an existing condition as well as a preventative maintenance additive. The addition of 4 ounces of BIOBOR DIESEL DOCTOR MC for each 16-25 gallons of fuel added, will assure protection against formation of Diesel Slime & Sludge. Use BIOBOR DIESEL DOCTOR MC with each fillup. Always add BIOBOR DIESEL DOCTOR MC midway through the fueling process. Never add to an empty tank. Keep the can tightly capped after use.

Distributed By: United States Borax & Chemical Corporation
Los Angeles, California 90010

Product No. 05272

EPA Registration No. 1624-119

EPA Est. 49035-IL-01

Contains no alcohol

C 1983 USB&CC

UPC code

ACCEPTED
with COMMENTS
in EPA Label Book

SEP 13 1983

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for use on products
registered under EPA Reg. No.
1624-119

13 SEP 1983

U.S. Borax and Chemical Corporation
3075 Wilshire Blvd.
Los Angeles, CA 90010

Attention: James D. Stone
Senior Research Scientist

Gentlemen:

Subject: Bioher Marine Diesel Doctor
EPA Registration No. 1624-119
Your Application Dated August 22, 1983

The amendment 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. Revise the statement "Distributed by" to read "Manufactured by," since you are responsible for your product.
 - b. Revise the statement:
Bioher Diesel Doctor MC is the best remedy for Diesel Slime & Sludge
to read:
Bioher Diesel Doctor MC is a powerful remedy for Diesel Slime & Sludge.
 - c. Revise the statement:
This merely indicates that you already had a sludge problem and Bioher Diesel Doctor MC is working to cure it.
to read:
This merely indicates that you already had a sludge problem and Bioher Diesel Doctor MC is working to reduce the problem.
2. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

BEST DOCUMENT AVAILABLE

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

EPA Form 1320-1-4-81

OFFICIAL FILE COPY

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3. We have adjusted our records regarding your proposed product name accordingly.

OID: Bioher Marine Diesel Doctor
NEW: Bioher^(R) Diesel Doctor^(TM) MC

Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

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

Sincerely yours,

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

Enclosures

TS-767C:JLee:DCR-11917,WANG-0030C:KIM:Raven:479-2013:9/07/83

BEST DOCUMENT AVAILABLE