

100-287-69 10F

<b>U.S. ENVIRONMENTAL PROTECTION AGENCY</b> <b>OFFICE OF PESTICIDES PROGRAMS</b> <b>REGISTRATION DIVISION (WH-567)</b> <b>WASHINGTON, D.C. 20460</b>	EPA REGISTRATION NO. 57-2	DATE OF REGISTRATION 12-06-1984
	TERM OF ISSUANCE	
NAME OF PESTICIDE PRODUCT Kilobacter 10		

**NOTICE OF PESTICIDE:** ☐ REGISTRATION  
☐ REREGISTRATION  
 (Under the Federal Insecticide, Fungicide,  
 and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

**BEST AVAILABLE COPY**

**NOTE:** Changes in labeling formula 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 U.S. 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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

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

For the label side caption, the STORAGE AND DISPOSAL heading and the CHILD RESISTANT label "KEEP OUT OF REACH OF CHILDREN" could require a 12 point type size minimum and the signal word DANGER (front panel only) a 12 point type size minimum.

Delete the number 100-287-69 from the label. This is not your registration number.

The signal word "DANGER" and the phrase "KEEP OUT OF REACH OF CHILDREN" should be at least the same type size as the "KEEP OUT OF REACH OF CHILDREN" statement (front panel) and preferably placed in the upper front panel.

☒ ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

*James F. Runkle*  
*W. John H. Lee*

DATE

3. As per conversation between Mr. Goncarovs and Mr. Powers on June 29, 1963, the following clarifications have been made to your Confidential Statement of Formula.

a. The EDTA is Versene 100 from Dow.

b. Adjustment to Solvent system to read 807.95 pounds (Block #18) and 80.795% (Block #19) in order that the total batch weight and total % equal 1000 pounds and 100.00% respectively.

4. The revised Confidential Statement of Formula dated April 26, 1963, and as revised as above is acceptable and has been placed in your file.

5. The confirmatory data submitted June 6, 1963, are acceptable and have been assigned the Accession Number 250455.

6. 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.

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.



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

Enclosures

TS-767C:JLee:DCR-18374:WANG-0176C:KIM:kaven:472-2013:6/30/83

Cross-contamination is of major housekeeping concern not only in hospitals, but in schools, institutions, and industry. Miraquat II has been formulated to aid in the reduction of cross-contamination in these areas.

Miraquat II is a one-step disinfectant cleaner that is effective against a broad spectrum of bacteria, is virucidal, fungicidal, and will prevent the growth of mold and mildew and their odors when used as directed.

Miraquat II is an effective one-step sanitizer-cleaner for use on non-food contact surfaces.

When used as directed, Miraquat II will deodorize surfaces in toilet areas, behind and under sinks and counters, garbage cans and garbage storage areas, and other places where bacterial growth can cause mal odors.

### Precautionary Statements

### Hazards to Humans and domestic animals

## DANGER

Keep out of reach of children. Corrosive. Causes eye and skin damage. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful if swallowed. Avoid contamination of food.

### STORAGE AND DISPOSAL

- DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL.
- OPEN DUMPING IS PROHIBITED.
- DO NOT REUSE EMPTY CONTAINER.

### PESTICIDE DISPOSAL

PESTICIDE SPRAY MIXTURE OR RINSE WATER THAT CANNOT BE USED ACCORDING TO LABEL INSTRUCTIONS MUST BE DISPOSED OF ACCORDING TO FEDERAL OR APPROVED STATE PROCEDURES UNDER SUBTITLE C OF THE RESOURCE CONSERVATION AND RECOVERY ACT.

### CONTAINER DISPOSAL

TRIPLE RINSE (OR EQUIVALENT) THEN OFFER FOR RECYCLING OR RECONDITIONING OR DISPOSE OF IN A SANITARY LANDFILL OR BY INCINERATION IF ALLOWED BY STATE AND LOCAL AUTHORITIES.

### GENERAL

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

OCT 12 1984

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

5579-2

## MIRAQUAT II

Disinfectant-Cleaner-Sanitizer-Fungicide  
Mildewstat-Virucide\*-Deodorizer  
for Hospitals, Institutional and Industrial Use  
Effective in hard water up to 400 ppm hardness  
(calculated as  $\text{CaCO}_3$ ) in the presence of 5% serum contamination

### Active Ingredients

Octyl decyl dimethyl ammonium chloride	1.650%
Dioctyl dimethyl ammonium chloride	0.825%
Didecyl dimethyl ammonium chloride	0.825%
Alkyl ( $\text{C}_{14}$ , 50%; $\text{C}_{12}$ , 40%; $\text{C}_{16}$ , 10%) dimethyl benzyl ammonium chloride	2.200%

### Inert Ingredients

94.500%  
100.000%

## 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, gelatin solution, or 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 convulsion may be needed.

## SEE LEFT PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Registration No.

5579-XX

EPA Establishment No.

5579-ND-1

Net Contents

Manufactured By:

Miracle Chemicals Inc.

902 University Ave. Grand Forks, ND 58201

For Sale For Use And Storage  
By Maintenance Personnel Only

It is a violation of product labeling laws to use Miraquat II as a general cleaner-sanitizer in water up to 400 ppm hardness in the presence of 5% serum contamination.

Apply Miraquat II (inanimate) non-porous sinks, tile, porcelain, spray device so as to allow a preliminary cleaning when use solution begins.

Disinfection -- 10 disinfectant solution. 2 oz per gallon of water. 2 minutes. At 1:100 dilution will disinfect hard non-medical institutions.

2 oz per gallon use. The activity of Miraquat II in the presence of 5% serum dilution test and found negative and gram positive.

Pseudomonas, Staphylococcus, Salmonella, Escherichia coli, Streptococcus, Klebsiella pneumoniae, Enterobacter, Shigella, Brevibacterium, Salmonella typhimurium, Serratia marcescens.

For schools, industrial, or gallon of water. cleaning and germ. Staphylococcus aureus and Serratia marcescens performance for hospital.

Fungicidal Control - Miraquat II. Trichophyton mentagrophytes on surfaces, easily bath areas, exercise.

Mold and Mildew Control. will effectively odors caused by them indicated in general repeat when mildew.

\*Virucidal Performance. Miraquat II. presence of 5% serum viruses: Influenza A, environmental surface.

Sanitizing Non-Food. etc. All for per 21. an effective sanitizer, pneumonise on hard. Treated surfaces mu.

BEST AVAILABLE

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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.

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

Enclosures

TS-767C:JLee:DCR-18374:WANG-0176C:KIM:kaven:479-2013:6/30/63

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When used as directed, Miraquat II will deodorize surfaces in toilet areas, behind and under sinks and counters, garbage cans and garbage storage areas, and other places where bacterial growth can cause mal odors.

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Hazards to Humans and domestic animals

## DANGER

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### STORAGE AND DISPOSAL

DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL.

OPEN DUMPING IS PROHIBITED.

DO NOT REUSE EMPTY CONTAINER.

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### GENERAL

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EPA Registration No.

557. XX

EPA Establishment No.

5579-ND-1

Net Contents

Manufactured By:

Miracle Chemicals Inc.

907 University Ave Grand Forks, ND 58201

For Sale For Use And Storage  
By Maintenance Personnel Only

## GENE

It is a violation of the Federal Insecticide, Fungicide, and Rodenticide Act to use a pesticide in a manner inconsistent with its labeling.

Miraquat

Cleaner, sanitizer, disinfectant, fungicide, mildewstat, virucide, deodorizer.

Apply Miraquat to surfaces to be disinfected. Allow to remain for 10 minutes. Rinse with water. Use as directed.

Disinfection: 100% effective against bacteria, fungi, and viruses. 2 oz per gallon of water. 10 minutes. At 100 ppm hardness, will disinfect hard surfaces.

For per gallon of water, the activity of Miraquat is 100% effective against bacteria, fungi, and viruses.

For schools, hospitals, and other institutions, Miraquat is a safe and effective disinfectant. It is safe for use on all surfaces, including food contact surfaces. It is safe for use on all types of materials, including plastic, metal, and wood.

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