

Cross-contamination is of major housekeeping concern in schools, non-medical institutions, and industry. FORMULA 33-B-NM has been formulated to aid in the reduction of cross-contamination in these areas.

FORMULA 33-B-NM 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.

FORMULA 33-B-NM is an effective pre-step sanitizer-cleaner for use on non-food contact surfaces.

When used as directed, FORMULA 33-B-NM 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 AUTHORITY FOR APPROVED ALTERNATIVE PROCEDURES.

SPECTRAL LEMON SCENTED FORMULA 33-B-NM

Disinfectant-Cleaner-Sanitizer-Fungicide
Mildewstat-Virucide-Deodorizer for Schools,
Non-Medical Institutional and Industrial Use
Effective in hard water up to 400 ppm hardness
(calculated as CaCO₃) in the presence of 5% serum
contamination

Active Ingredients

Ocyl decyl dimethyl ammonium chloride	1.2%
Diocyl dimethyl ammonium chloride	0.6%
Didecyl dimethyl ammonium chloride	0.6%
Alkyl (C ₁₄ , 50%; C ₁₇ , 40%; C ₁₆ , 10%) dimethyl benzyl ammonium chloride	1.6%

Inert Ingredients

96.0%
100.00%

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.

33486 - 5

EPA Establishment No.

33486 - RI - 1

Net Contents

SPECTRAL CHEMICAL CO. INC.
P.O. BOX 111 WARWICK, R.I. 02887

For Sale For Use And Storage
By Maintenance Personnel Only

Disinfectant for Use GENERAL CLASSIFICATION

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

FORMULA 33-B-NM is a pre-step "one-step" disinfectant - cleaner - sanitizer - fungicide - mildewstat - virucide which is effective in water up to 400 ppm hardness in the presence of 5% serum contamination.

Apply FORMULA 33-B-NM to walls, floors and other hard (inanimate) non-porous surfaces such as tables, chairs, countertops, sinks, tile, porcelain, and bedframes with a cloth, mop or mechanical spray device so as to thoroughly wet surfaces. For heavily soiled areas, a preliminary cleaning is required. Prepare a fresh solution daily or when use solution becomes visibly dirty.

Disinfection - To disinfect hard, non-porous surfaces, add 2 oz. per gallon of water. Treated surfaces must remain wet for 10 minutes. The activity of FORMULA 33-B-NM has been evaluated in the presence of 5% serum and 400 ppm hard water by the AOCAC test and found to be effective against a broad spectrum of gram negative and gram positive organisms as represented by:

- Staphylococcus aureus
- Salmonella choleraesuis
- Escherichia coli
- Streptococcus pyogenes
- Klebsiella pneumoniae
- Enterobacter aerogenes
- Streptococcus faecalis
- Shigella dysenteriae
- Brevibacterium ammoniagenes
- Salmonella typhi
- Serratia marcescens

Fungicidal Performance

FORMULA 33-B-NM is an effective fungicide against Trichophyton mentagrophytes (the athlete's foot fungus) when used on surfaces in areas such as locker rooms, dressing rooms, shower and bath areas, exercise facilities, etc. at 2 oz/gallon.

Mold and Mildew Control At 2 oz/gallon, FORMULA 33-B-NM will effectively inhibit the growth of mold and mildew and the odors caused by them when applied to hard, non-porous surfaces (as indicated in general instructions above). Allow to dry on surface and repeat when mildew growth returns.

Virucidal Performance At 2 oz. per gallon use-level, FORMULA 33-B-NM was evaluated in the presence of 5% serum and found to be effective against the following viruses: Influenza A/Brazil, Herpes Simplex and Vaccinia on inanimate environmental surfaces.

Sanitizing Non-Food Contact Surfaces (such as floors, walls, tables, etc.) At 1 oz. per 2 gallon use-level, FORMULA 33-B-NM is an effective sanitizer against Staphylococcus aureus and Klebsiella pneumoniae on hard porous surfaces. EPA label claim: 10 seconds.

2/82

NOV 16 1982

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

33486-5

U.S. ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (7H-567)
WASHINGTON, D.C. 20460

EPA REGISTRATION NO.
3316-5

DATE OF ISSUANCE
16 NOV 1982

TERM OF ISSUANCE

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

NAME OF PESTICIDE PRODUCT

FORMULA 33-8-NM

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Spectral Chemical Co. Inc.
P.O. Box 111
Warwick, R.I. 02887

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.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Make the labeling changes listed below before you release the product for shipment:
 - a. For the label size submitted, the STORAGE AND DISPOSAL heading and the Child Hazard Warning "KEEP OUT OF REACH OF CHILDREN" would require a 12 point type size minimum and the signal word DANGER (front panel only) would require an 18 point type size minimum.
 - b. As per phone conversation between the agency and Mr. Robert Craig on November 1, 1982, the product name is "Formula 33-8-NM." The statement "Spectral Lemon Scented" is only a descriptor and will be placed in lower type size and appear under the product name.
3. As per phone conversation between the agency and Mr. Robert Craig on 11-1-82 the following clarification has been made to your Confidential Statement of Formula:

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

LE

4. The confirmatory data submitted for the above referenced product is acceptable and has been assigned the accession number 248177.

5. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-7B 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.

James H. Bank
for

John H. Lee
Product Manager (31)
Saintpeters Branch
Registration Division (78-767)

Enclosure

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