

MIKROKLENE LABEL FOR ONE GALLON JUG

MAIN PANEL (FRONT PANEL)

MIKROKLENE
Food Service Area Sanitizer

Iodophor . Detergent . Germicide . Deodorizer
FOOD SERVICE SANITATION . HOSPITAL DISINFECTION PROGRAMS

ACTIVE INGREDIENTS:

| | |
|--|-------|
| Butoxypolypropoxyethoxyethanol-iodine complex, providing 1.75% titratable iodine | 15.5% |
| Phosphoric acid..... | 6.5% |
| TOTAL ACTIVE..... | 22.0% |

*INERT INGREDIENTS: Total.....78.0%

*Active as cleaning and buffering agents.

KEEP OUT OF REACH OF CHILDREN
DANGER.

See side panel for first aid and additional precautions.

A product of
ECONOMICS LABORATORY, INC.
ST. PAUL, MINNESOTA 55102

1677-22

ACCEPTED
1677-22
MAY 17 1984

U.S. Department of Agriculture
Federal Insecticide, Fungicide, and Rodenticide Act
This product is a pesticide
EPA Reg. No.

16/4

LEFT PANEL

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

DANGER: Causes eye damage. Harmful if swallowed. Do not get in eyes, on skin or on clothing. Protect eyes when handling. Wash with soap and water after handling. Remove contaminated clothing and wash before reuse.

STATEMENT OF PRACTICAL TREATMENT

EYES: In case of contact with eyes, flush immediately with plenty of water for at least 15 minutes. Get medical attention.

EXTERNAL: Wash off promptly. Remove contaminated clothing and wash before reuse.

INTERNAL: If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution or if these are not available, drink a large quantity of water. Call a physician.

STORAGE AND DISPOSAL

Store only in original or properly marked container. Keep container closed between uses.

If spilled, flush to drain with a large quantity of water.

Open dumping or container reuse is prohibited.

Do not contaminate food, feed or water by storage or disposal.

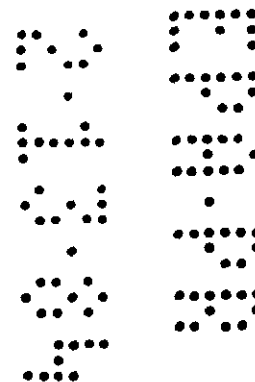
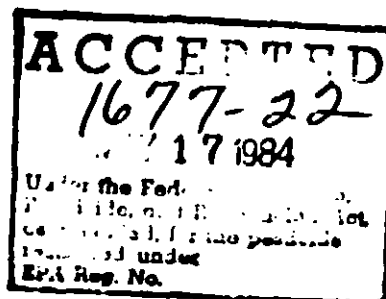
PRODUCT DISPOSAL: Product or rinsate that cannot be used should be diluted with water before placing in a sanitary sewer.

CONTAINER DISPOSAL: Triple rinse (or equivalent) and dispose of by incineration or in sanitary landfill, pending state or local regulations.

GENERAL: Consult federal, state or local regulations for alternative procedures.

EPA REG. NO. 1677-22AA EPA EST. 1677-__-__

NET CONTENTS: 1 GALLON (3.78 l)



2 of 4

MIKROKLENE LABEL FOR ONE GALLON JUG

RIGHT PANEL

DIRECTIONS FOR USE

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

DISINFECTION

MIKROKLENE can be used in highly contaminated areas such as isolation rooms and for post-surgical cleanup or other critical disinfection applications. Remove heavy soil or gross filth prior to disinfection step. To disinfect hard surfaces such as porcelain, stainless steel or formica, use 2/3 oz. MIKROKLENE per gal. of tepid (75°-100°F) water (75 ppm tit. I.). For porous surfaces such as wood or concrete use 1 1/3 oz. MIKROKLENE per gal. water (150 ppm tit. I.). Apply with cloth, mop or MIKRO-SPRAY®.

When amber color of solution fades noticeably, mix a fresh solution.

TB DISINFECTION

MIKROKLENE passes the rigid requirements as a tuberculocide at 75 ppm tit. I. Use at 2/3 oz. per gal. of water for tubercle bacillus disinfection. For porous surfaces, use 1 1/3 oz. per gallon of water (150 ppm tit. I.)

VIRUCIDAL

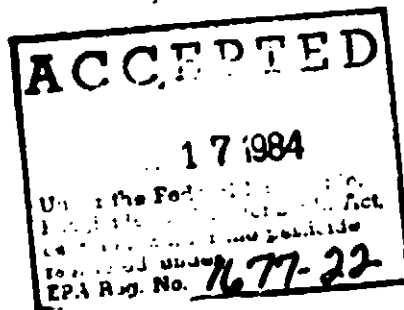
Disinfects the following viruses on inanimate environmental surfaces at the use dilution containing 2/3 oz. per gal. of water (75 ppm tit. I.)

Herpes simplex
Poliovirus, Type 1
Vaccinia

Influenza A
Newcastle Disease
Adenovirus, Type 3

Technical advice concerning specialized cleaning and disinfection is obtainable from your local EL Sanitation Specialist.

See back panel for FOOD SERVICE SANITATION.



3 of 4

MIKROKLENE LABEL FOR ONE GALLON JUG

BACK PANEL

MIKROKLENE
Food Service Area Sanitizer

DIRECTIONS FOR FOOD SERVICE AREAS

Use to sanitize food preparation equipment, dishware, floors, walls, furniture, porcelain, basins and metals.

Food Service Areas: Use $\frac{1}{2}$ oz. MIKROKLENE per $2\frac{1}{2}$ gals. of tepid water for sanitizing (provides 25 ppm tit. I). No rinsing necessary. Use daily to sanitize dishmachines and other equipment. Renew solution before amber color disappears.

Not recommended for use on silver and silverplate; may cause blackening.

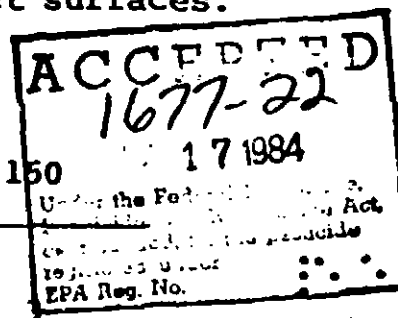
SANITIZING EATING AND DRINKING UTENSILS

1. Scrape and preflush utensils to remove excess soil.
2. Wash in a solution of $\frac{1}{2}$ oz. MIKROKLENE to $2\frac{1}{2}$ gals. of water (25 ppm tit. I) or other recommended detergent.
3. Rinse with clean water.
4. Sanitize in a solution of $\frac{1}{2}$ oz. MIKROKLENE to $2\frac{1}{2}$ gals. of water (12.5 ppm tit. I). Immerse all utensils for at least two minutes.
5. Drain and air dry.

When used as directed MIKROKLENE complies with FDA Food Additive Reg. 21 CFR 178.1010(b)(4); for sanitizing solutions which are not to be rinsed from food contact surfaces.

DILUTION TABLE

| ppm titratable iodine | 12 $\frac{1}{2}$ | 25 | 50 | 75 | 100 | 150 |
|--|------------------|---------------|----|----------------|-----|-----|
| Oz. MIKROKLENE per $2\frac{1}{2}$ gals. water | $\frac{1}{4}$ | $\frac{1}{2}$ | 1 | $1\frac{1}{2}$ | 2 | |



NOTE: 1 oz.=2 tablespoonfuls or 6 teaspoonfuls.

Consult local health department for additional information.

MIKROKLENE is approved by the National Sanitation Foundation... for use in spray and brush type glasswashing machines. Keep reservoir full. Adjust control as directed by machine manufacturer and local health authorities.

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MIKROKLENE LABEL FOR ONE GALLON JUG

MAIN PANEL (FRONT PANEL)

MIKROKLENE
Food Service Area Sanitizer

Iodophor . Detergent . Germicide . Deodorizer
FOOD SERVICE SANITATION . HOSPITAL DISINFECTION PROGRAMS

ACTIVE INGREDIENTS:

| | |
|--|-------|
| Butoxypolypropoxyethoxyethanol-iodine complex, providing 1.75% titratable iodine | 15.5% |
| Phosphoric acid..... | 6.5% |
| TOTAL ACTIVE..... | 22.0% |

*INERT INGREDIENTS: Total.....78.0%
 *Active as cleaning and buffering agents.

KEEP OUT OF REACH OF CHILDREN
DANGER

See side panel for first aid and additional precautions.

A product of
ECONOMICS LABORATORY, INC.
ST. PAUL, MINNESOTA 55102

1677-22
EPA

ACCEPTED
 1677-22
 MAY 17 1984
 U.S. Department of Agriculture,
 Environmental Protection Agency,
 Pesticide Registration Division
 EPA Reg. No.

647

LEFT PANEL

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

DANGER: Causes eye damage. Harmful if swallowed. Do not get in eyes, on skin or on clothing. Protect eyes when handling. Wash with soap and water after handling. Remove contaminated clothing and wash before reuse.

STATEMENT OF PRACTICAL TREATMENT

EYES: In case of contact with eyes, flush immediately with plenty of water for at least 15 minutes. Get medical attention.

EXTERNAL: Wash off promptly. Remove contaminated clothing and wash before reuse.

INTERNAL: If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution or if these are not available, drink a large quantity of water. Call a physician.

STORAGE AND DISPOSAL

Store only in original or properly marked container. Keep container closed between uses.

If spilled, flush to drain with a large quantity of water.

Open dumping or container reuse is prohibited.

Do not contaminate food, feed or water by storage or disposal.

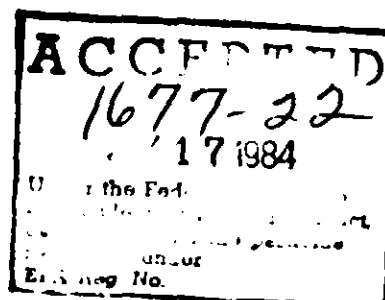
PRODUCT DISPOSAL: Product or rinsate that cannot be used should be diluted with water before placing in a sanitary sewer.

CONTAINER DISPOSAL: Triple rinse (or equivalent) and dispose of by incineration or in sanitary landfill, pending state or local regulations.

GENERAL: Consult federal, state or local regulations for alternative procedures.

EPA REG. NO. 1677-22AA EPA EST. 1677-__-__

NET CONTENTS: 1 GALLON (3.78 l)



3 of 7

MIKROKLENE LABEL FOR ONE GALLON JUG

RIGHT PANEL

DIRECTIONS FOR USE

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

DISINFECTION

MIKROKLENE can be used in highly contaminated areas such as isolation rooms and for post-surgical cleanup or other critical disinfection applications. Remove heavy soil or gross filth prior to disinfection step. To disinfect hard surfaces such as porcelain, stainless steel or formica, use 2/3 oz. MIKROKLENE per gal. of tepid (75°-100°F) water (75 ppm tit. I). For porous surfaces such as wood or concrete use 1 1/3 oz. MIKROKLENE per gal. water (150 ppm tit. I.). Apply with cloth, mop or MIKRO-SPRAY®.

When amber color of solution fades noticeably, mix a fresh solution.

TB DISINFECTION

MIKROKLENE passes the rigid requirements as a tuberculocide at 75 ppm tit. I. Use at 2/3 oz. per gal. of water for tubercle bacillus disinfection. For porous surfaces, use 1 1/3 oz. per gallon of water (150 ppm tit. I.)

VIRUCIDAL

Disinfects the following viruses on inanimate environmental surfaces at the use dilution containing 2/3 oz. per gal. of water (75 ppm tit. I.)

- | | |
|--------------------|--------------------|
| Herpes simplex | Influenza A |
| Poliovirus, Type 1 | Newcastle Disease |
| Vaccinia | Adenovirus, Type 3 |

Technical advice concerning specialized cleaning and disinfection is obtainable from your local EL Sanitation Specialist.

See back panel for FOOD SERVICE SANITATION.

ACCEPTED

17 1984

Under the Federal Insecticide, Fungicide, and Rodenticide Act
 registered under
 EPA Reg. No. 1677-22

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4 of 7

MIKROKLENE LABEL FOR ONE GALLON JUG

SACK PANEL

MIKROKLENE
Food Service Area Sanitizer

DIRECTIONS FOR FOOD SERVICE AREAS

Use to sanitize food preparation equipment, dishware, floors, walls, furniture, porcelain, basins and metals.

Food Service Areas: Use 1/4 oz. MIKROKLENE per 2 1/2 gals. of tepid water for sanitizing (provides 25 ppm tit. I). No rinsing necessary. Use daily to sanitize dishmachines and other equipment. Renew solution before amber color disappears.

Not recommended for use on silver and silverplate; may cause blackening.

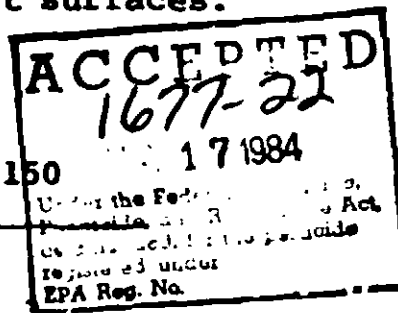
SANITIZING EATING AND DRINKING UTENSILS

1. Scrape and preflush utensils to remove excess soil.
2. Wash in a solution of 1/4 oz. MIKROKLENE to 2 1/2 gals. of water (25 ppm tit. I) or other recommended detergent.
3. Rinse with clean water.
4. Sanitize in a solution of 1/4 oz. MIKROKLENE to 2 1/2 gals. of water (12.5 ppm tit. I). Immerse all utensils for at least two minutes.
5. Drain and air dry.

When used as directed MIKROKLENE complies with FDA Food Additive Reg. 21 CFR 176.1010(b) (4) for sanitizing solutions which are not to be rinsed from food contact surfaces.

DILUTION TABLE

| | | | | | | |
|---|--------|-----|----|-------|-----|-----|
| ppm titratable iodine | 12 1/2 | 25 | 50 | 75 | 100 | 150 |
| Oz. MIKROKLENE per 2 1/2 gals. water | 1/4 | 1/2 | 1 | 1 1/2 | 2 | |



NOTE: 1 oz.=2 tablespoonfuls or 6 teaspoonfuls.

Consult local health department for additional information.

MIKROKLENE is approved by the National Sanitation Foundation for use in spray and brush type glasswashing machines. Keep reservoir full. Adjust control as directed by machine manufacturer and local health authorities.

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BEST AVAILABLE COPY

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

DANGER: Causes eye damage. Harmful if swallowed. Do not get in eyes, on skin or on clothing. Protect eyes when handling. Wash with soap and water after handling. Remove contaminated clothing and wash before reuse.

STATEMENT OF PRACTICAL TREATMENT

EYES: In case of contact with eyes, flush immediately with plenty of water for at least 15 minutes. Get medical attention.

EXTERNAL: Wash off promptly. Remove contaminated clothing and wash before reuse.

INTERNAL: If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution or if these are not available, drink a large quantity of water. Get a physician.

PELIGRO: Dañalos ojos. Dañados si se ingieren. No se debe inhalar o inhalarlos. Evitar el contacto con la piel. Proteja los ojos cuando utilice el producto. Lávese con agua y jabón después de haberlo utilizado. Quite la ropa contaminada y lávela antes de volver a utilizarla.

STORAGE AND DISPOSAL

Store only in original or properly marked container. Keep container closed between uses. If spilled, flush to drain with a large quantity of water. Open dumping or container reuse is prohibited. Do not contaminate water, food or feed by storage or disposal. **PRODUCT DISPOSAL:** Product or rinsate that is not to be reused should be diluted with water before placing in a sanitary sewer. **CONTAINER DISPOSAL:** Burned, buried, or otherwise disposed of in a sanitary landfill. **GENERAL:** Consult federal, state, or local health or environmental agencies for disposal.

EPA REG. NO. 1677-22AA EPA EST. 1677-1
NET CONTENTS 1 GALLON (3.78 L)
EPA 734b-098b PRINTED IN U.S.A.

DIRECTIONS FOR USE

GENERAL CLASSIFICATION

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

DISINFECTION

MIKROKLENE can be used to thoroughly disinfect all areas of a bathroom, tub, and for post-surgical clean-up of other rooms. Use 1/2 oz. per gallon application. Remove heavy soil or grease with pre-cleaning detergent. For disinfecting hard surfaces, use 1/2 oz. per gallon. For disinfecting soft surfaces, use 1/4 oz. per gallon. **MIKROKLENE** per gallon: rapid (75-100) for water (150 ppm for 10 min); concrete surfaces, use 1/2 oz. per gallon; concrete use 1/2 oz. per gallon with (150 ppm for 10 min). Apply with cloth mop or **MIKROKLENE** spray.

TB DISINFECTION

MIKROKLENE passes the rapid requirements for tuberculocide at 25 ppm for 10 min at 1/2 oz. per gal. of water for tubercle bacillus disinfection. For surfaces use 1/2 oz. per gal. of water (150 ppm for 10 min).

VIRUCIDAL

Disinfects the following viruses on inanimate environmental surfaces at the use dilution containing 1/2 oz. per gal. of water (75 ppm for 10 min):

- Herpes simplex Influenza A Poliovirus 1
- Newcastle Disease Vaccinia Adenovirus Type 3

Technical advice concerning specialized cleaning and disinfection is available from your local EL Sanitation Specialist. See back page for more information.

Food Service Area Sanitizer

Iodophor germicidal detergent. 1.75% titratable iodine in an acidic, fast soil removal and broad spectrum disinfecting action against bacteria, viruses and fungi. Ideal for food service sanitizing, hospital disinfecting, laboratory sanitation and other facilities. Can be used with detergent/sanitizer dispensers.

FAST, EFFECTIVE CLEANING POWER AND GERMICIDAL

MIKROKLENE gives fast soil removal and the disinfecting power of a broad spectrum action against bacteria, viruses and fungi. It is nonstaining and noncorrosive.

ECONOMICAL, VERSATILE SANITIZER FOR FOOD SERVICE

Use MIKROKLENE to sanitize food preparation equipment, dishware, porcelain, basins and metals. It can be used as a sanitizing rinse in a 1:100 dilution. One gallon of MIKROKLENE makes up to 1,280 gallons of sanitizing rinse.

HOSPITAL CLEANING AND DISINFECTION

From housekeeping to critical disinfection applications, MIKROKLENE is a fast-acting, iodophor detergent. Use in highly contaminated areas such as isolation rooms, operating rooms, and other critical disinfection applications. One gallon of MIKROKLENE makes up to 1,280 gallons of disinfectant solution for hospital use.

LABORATORY SANITATION

Use to disinfect laboratory premises including animal care areas. Dilute 1:100.

BACTERIOCIDAL

MIKROKLENE passes the official AOAC use-dilution test on *Staphylococcus aureus*, *Shigella flexneri*, *Cholera vibrio*, and *Pseudomonas aeruginosa* at 75 ppm titratable iodine. It meets the requirements as a tuberculocidal product at 75 ppm titratable iodine.

FUNGICIDAL

Kills pathogenic fungi, *Trichophyton interdigitale*, on inanimate hard surfaces. Use concentration of 75 ppm titratable iodine.

VIRUCIDAL

Disinfects the following viruses on inanimate environmental surfaces: Herpes simplex, Vaccinia, Newcastle Disease, Poliovirus, Adenovirus Type 3. MIKROKLENE is authorized by the USDA for use on poultry plants under categories "D2" and "Q3".

IMPORTANT ADDITIONAL FEATURES

MIKROKLENE is stable in storage. It is buffered against alkaline wash solutions. At a concentration of 12½ parts per million titratable iodine, MIKROKLENE has been shown to be an effective sanitizer up to pH 8.0. MIKROKLENE has a built-in germicidal indicator. Its effectiveness remains as long as the amber color of the use solution.

MIKROKLENE

Food Service Area Sanitizer

DIRECTIONS FOR USE

GENERAL CLASSIFICATION

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

DISINFECTION

MIKROKLENE can be used in highly contaminated areas such as isolation rooms and operating surgical cleanup or other critical disinfection applications. Remove heavy soil or grease at the pre-disinfection step. To disinfect hard surfaces such as porcelain, stainless steel, chrome, aluminum, and concrete use 1 1/2 oz. MIKROKLENE per gal. of tepid (75-100 F) water (75 ppm tit. H). For porous surfaces such as wood and concrete use 1 1/2 oz. MIKROKLENE per gal. water (150 ppm tit. H). Apply with MIKRO SPRAY.

When amber color of solution fades noticeably, mix a fresh solution.

TB DISINFECTION

Use at 1 1/2 oz. per gal. of water (75 ppm tit. H) for tubercle bacilli disinfection. For porous surfaces use 1 1/2 oz. per gal. of water (150 ppm tit. H).

DIRECTIONS FOR FOOD SERVICE AREAS

To sanitize food preparation equipment, dishware, linens, and furniture in the kitchen and dining room use 1 1/2 oz. MIKROKLENE per 2 1/2 gals. of 75-100 F. water for sanitizing purposes. If equipment is kept at temperatures above 180 F. a staining problem may occur. If staining occurs, use 1 1/2 oz. per gal. of water on linens and other equipment. Rinse with clean water after use.

Do not use on galvanized iron, copper and silverplate. May cause staining.

For more information, contact your local health department for additional information.

MIKROKLENE is approved by the National Sanitation Foundation for use in food service areas. Always use the proper dilution. Keep reservoir full. Adjust concentration to meet the needs of the area being treated.

For more information, contact your local health department for additional information.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER:

Causes severe skin irritation. Harmful if swallowed. Avoid contact with eyes. Avoid contact with clothing. Wash hands thoroughly when handling. Wash with soap and water after handling. Avoid contact with food. Wash before eating.

STATEMENT OF PRACTICAL TREATMENT

EYES: Flush eyes for at least 15 minutes with copious amounts of water. Get medical attention.

EXTERNAL: Wash off promptly. Remove contaminated clothing and wash before reuse.

INTERNAL: If swallowed, drink promptly a large quantity of water. If vomiting occurs, do not induce. If not available, drink a large quantity of water. Call a physician.

IF IRRITATION OR DISCOMFORT PERSISTS, CALL A PHYSICIAN

FOR EMERGENCY MEDICAL INFORMATION, CALL TOLL FREE 1-800-368-6666.



ECONOMICS LABORATORY, INC.

OSBORN BUILDING, ST. PAUL, MINNESOTA 55102

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