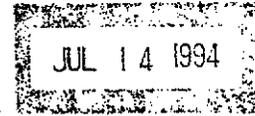


PM 31

507-3

10/11



Unit Chemical Corporation
4161 Redwood Avenue
Los Angeles, CA 90066

Attention: Raymond Chaplar

Gentlemen:

Subject: Timsen
EPA Registration Number 507-3
Your Submission Dated May 13, 1994
EPA Received Date May 18, 1994

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, to revise the "General Directions for Use" as well as add product labeling claims for control of algae, sanitizing udders and teats of milk cows, sanitizing shell eggs, and the use as a slimicide, is acceptable.

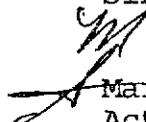
The product name change has been accepted.

Old Name: Improved Timsen
New Name: Timsen

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

If you have any questions concerning this letter, please contact Karen M. Leavy at (703)-305-6966.

Sincerely yours,


Marshall Swindell
Acting Product Manager-31
Antimicrobial Program Branch
Registration Division(7505C)

20/11

BEFORE USING THIS PRODUCT PLEASE READ THE ENTIRE LABEL.

TIMSEN™

BACTERICIDE - FUNGICIDE - VIRICIDE - ALGICIDE

ACTIVE INGREDIENTS: n-Alkyl (60% C₁₄, 30% C₁₆, 5% C₁₂, 5% C₁₈)
 dimethyl benzyl ammonium chlorides 40%

INERT INGREDIENT: Urea 60%

THE ORIGINAL QUATERNARY CONCENTRATE IN DRY BEAD FORM.

ACCEPTED
 with COMMENTS
 in EPA Letter Dated:

JUL 14 1994

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

507-3

See DIRECTIONS FOR USE on back of this package.

KEEP OUT OF REACH OF CHILDREN

DANGER: PRECAUTIONARY STATEMENT

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Corrosive. Harmful or fatal if swallowed. Do not breathe spray mist. May cause eye damage and skin irritation. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling. Remove and wash contaminated clothing before reuse. Avoid contamination of food.

See Statement of Practical Treatment on Side Panel.

This product is designed exclusively for industrial and institutional use by trained maintenance personnel. Label directions and precautions must be followed exactly. United Promotions, Inc., will not be responsible for any injury, loss or damage if product is used in any manner not in compliance with the label directions or if the precautions are not observed. (Note: Unit Chemical Corp. will appear in place of United Promotions, Inc., when appropriate.)

NET WEIGHT

LBS.

KG

EPA Reg. No. 507-3-66784
 EPA Reg. No. 507-3

EPA Est. No. 507-GA 001 or
 EPA Est. No. 507-CA-1

Form No. 94-01

BEST AVAILABLE COPY

30711

STATEMENT OF PRACTICAL TREATMENT

In case of **contact with eyes** immediately flush with clean water for at least 15 minutes and call a physician. In case of **contact with skin** wash with soap and water and rinse well. If irritation persists, consult a physician. Remove and wash contaminated clothing before reuse. **If swallowed**, promptly drink a large quantity of milk, eggwhites, gelatin solution or if these are not available, drink large quantities of water. Avoid alcohol. **Call a physician immediately.**
NOTE TO PHYSICIANS: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

STORAGE AND DISPOSAL

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

STORAGE

Store in a dry place no higher than 120° F.
Avoid creasing or impacting of sidewalls.

CONTAINER DISPOSAL

Do not reuse container. Discard container in trash.

PESTICIDE DISPOSAL

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide solutions or rinsate is a violation of Federal law. If these wastes cannot be disposed of according to use instructions on the label, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at an EPA regional office for guidance.

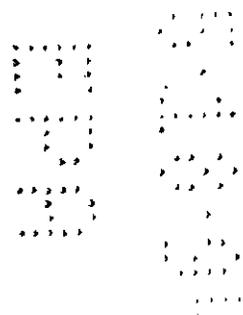
ACCEPTED
with COMMENTS
EPA Letter Dated:

JUL 14 1994

the Federal Insecticide,
Fungicide, and Rodenticide Act
is approved for the pesticide
classification under FIFRA, P. No.

507-3

BEST AVAILABLE COPY



TIMSEN DILUTION TABLE

Preparing solutions to desired solution strengths is made easy with the provided measuring spoon. It holds 3.8 grams of TIMSEN which is the unit or "dose" for making up solutions quickly and accurately. Add TIMSEN to water. It dissolves rapidly in hot or cold water. TIMSEN is stable in solution in a closed container.

| Yield/pound of TIMSEN | | Add 1 dose (3.8 grams) to: |
|-----------------------|-------------|----------------------------|
| Dilution | Quantity | |
| 1600 ppm | 30 gallons | 1 qt. water for 1600 ppm |
| 800 ppm | 60 gallons | 2 qts. water for 800 ppm |
| 400 ppm | 120 gallons | 1 gal. water for 400 ppm |
| 200 ppm | 241 gallons | 2 gals water for 200 ppm |
| 100 ppm | 482 gallons | 4 gals water for 100 ppm |

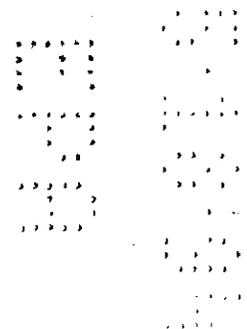
TIMSEN is 40% active ingredient.
 3.8 grams TIMSEN = 1.52 grams active ingredient.
 2.5 grams TIMSEN = 1.00 gram active ingredient.

1 mg active ingredient per liter equals 1 ppm.
 .0095 gms TIMSEN per gallon = 1 ppm
 28.35 gms = 1 ounce

ACCEPTED
 with COMMENTS
 in EPA Letter Dated
 JUL 14 1991
 under the Federal Insecticide,
 Fungicide, and Rodenticide Act
 as amended for the pesticide
 registered under FFA Reg. No.
 507-3

Distributed by
 UNITED PROMOTIONS, INC.
 The Oxford Building
 2951 Flowers Road South Suite 102
 Atlanta, Georgia 30341 U.S.A.
 Telephone: (404) 6402, (404) 451-6415
 FAX (404) 451-4120

BEST AVAILABLE COPY



TIMSEN™

IN MEAT, POULTRY & FISH INDUSTRIES

SA11 ✓
Please read the entire label
before using this product.

DIRECTIONS FOR USE

GENERAL CLASSIFICATION

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

This product is intended for sanitizing and disinfecting in poultry slaughtering and further processing plants, poultry hatcheries and farms, meat plants, hog and cattle farms, fish hatcheries and plants. TIMSEN solutions may be applied as a spray or mist, with a clean cloth, sponge or mop or used in a dip tank for smaller equipment and articles such as employees' tools, gloves and hands. TIMSEN solutions are stable. Clean, unused portions may be stored in a closed container for later use. Do not contaminate feed, food, drinking water or packaging materials.

TIMSEN is accepted by USDA/FSIS for use in official establishments operating under the Federal meat, poultry, shell egg grading and egg products inspection programs. Class D-2.

1. **TO SANITIZE:** any previously cleaned and rinsed **FOOD CONTACT SURFACES** (e.g., grinders, mixers, blenders, choppers, stuffers, piping, conveyors, tables, work stations, poultry drinking and feeding stations, trolleys, tanks, tubs, barrels, tote boxes, smoke jacks and hooks etc.) apply a 200 ppm solution of TIMSEN to thoroughly wet the surfaces to be disinfected. (3.8 grams in 2 gallons of water equals 200 ppm) Apply promptly after cleaning or just before reuse. For critical points such as cut-up tables, work stations and packaging conveyors in the final processing operations, both applications are recommended. A potable rinse is not required. As an alternative after cleanup, apply a 400 ppm solution. Wet surfaces thoroughly. Allow 15 minutes or more contact time. Rinse with potable water before use.

2. **TO DISINFECT** any previously cleaned **NON-FOOD CONTACT SURFACES** (e.g., walls, columns, floors, ceilings, light fixtures, ducts, sinks, trash barrels, inedible drums, non-processing machinery, etc.) apply a 400 ppm solution of TIMSEN. (3.8 grams in one gallon of water equals 400 ppm) Wet the surfaces thoroughly. Do not rinse unless required by local authorities. Use it to disinfect poultry hatcheries, setter trays, hatch baskets and machinery, all dry storage areas, cold rooms, docks, trucks and transport cages. This application is also suitable for toilets, showers, locker rooms, break rooms and similar public areas. If desired, in production areas monitor results and reduce in stages to 200 ppm as satisfactory control is achieved and maintained. Use an 800 ppm solution in foot baths to sanitize boots at entrances to production areas.

3. **TO CONTROL ODORS** in dry storage areas, cold rooms, refrigerated showcases, kitchens, docks, dumpsters, and in waiting rooms, toilets, showers, etc., apply a fine spray mist of 800 ppm TIMSEN solution throughout the area or on the equipment. To control more intense odors, use a 1600 ppm TIMSEN solution. Rinse food contact surfaces before use. Do not spray on food or packaging materials.

4. In **MEDICAL AND VETERINARY FACILITIES** on hard surfaces such as walls, floors, tables, counters and waste containers clean with a detergent, rinse and apply an 800 ppm solution of TIMSEN. Do not rinse.

5. **HAND AND GLOVE SANITIZING:** Wash hands and gloves with warm water and soap. Rinse with potable water. Immerse gloves for 1 minute or more and immerse hands briefly in a 100 to 200 ppm solution of TIMSEN to above the wrist area. Drain or wipe hands with a clean single service towel. Do not rinse gloves unless required by regulating authorities. Discard used solution daily or more often if it becomes diluted. Establish a procedure to test solution strength in your situations.

6. **SHELL EGG SANITIZING:** Wash chicken eggs for table use or processing. Wash all turkey eggs. Chicken eggs for hatching may be washed or not washed at your option. Allow washed eggs to drip reasonably dry in a clean environment. Promptly spray eggs from all sides until thoroughly wet using a 200-400 ppm solution of TIMSEN. The solution should be at a temperature a few degrees above the egg temperature. Drip dry. Do not rinse. Do not reuse sanitizing solution.

DANGER:

See Front Panel for
Precautionary Statements

Do not mix with soap or anionic detergents which would reduce the effectiveness of TIMSEN.

EPA Reg. No. 507-3 and EPA Reg. No. 507-3-66784

Form No. 94-03P

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JUL 14 1994

Refer to DILUTION TABLE
on side panel.

U.S. Environmental Protection Agency
Pesticide Division
Registration Branch
507-3

TIMSEN™

IN FOOD AND DAIRY INDUSTRIES

Please read the entire label
before using this product.

DIRECTIONS FOR USE

GENERAL CLASSIFICATION

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

This product is intended for sanitizing and disinfecting in dairies and dairy farms, food processing plants, retail food markets and food service companies such as restaurants, cafeterias and caterers. TIMSEN solutions may be applied as a spray or mist, with a clean cloth, sponge or mop or used in a dip tank for smaller equipment and articles such as employees' tools, gloves and hands. TIMSEN solutions are stable. Clean, unused portions may be stored in a sealed container for later use. Do not contaminate food, water, feed or packaging materials. USDA accepts TIMSEN as a Class D-2 sanitizer.

TIMSEN fulfills the criteria of Appendix F, the Grade "A" Pasteurized Milk Ordinance, 1978 Recommendations of the United States Public Health Service. When tested by the method outlined by Chambers, 200 ppm of the active ingredient will reduce 99.999% of the test organisms within 30 seconds, in water hardness up to 550 ppm when calculated as CaCO₃.

1. **TO SANITIZE:** any previously cleaned and rinsed FOOD CONTACT SURFACES (e.g., sanitary pipe, fittings and pumps; machinery such as blenders, fillers, packaging machines, conveyors, scales; plastic or metal tote boxes; milking machines and related equipment, etc.) apply a 200 ppm solution of TIMSEN (3.8 grams in 2 gallons of water equals 200 ppm) to thoroughly wet the surfaces to be disinfected. Apply solution promptly after cleaning or just before reuse. For the most critical points in your food safety program both applications are recommended. A potable rinse is not required. As an alternative after cleanup, apply a 400 ppm solution (3.8 grams in one gallon of water equals 400 ppm). Wet surfaces thoroughly. Allow 15 minutes or more contact time. Rinse with potable water before use.

2. **TO DISINFECT** any previously cleaned and rinsed NON-FOOD CONTACT SURFACES (e.g., walls, columns, floors, ceilings, light fixtures, ducts and filters, sinks, trash barrels, inedible drums, non-processing machinery, etc.) apply a 400 ppm solution of TIMSEN (3.8 grams in one gallon of water equals 400 ppm). Wet surfaces thoroughly. Do not rinse unless required by local authorities. This application is also suitable for toilets, showers, locker rooms, break rooms and similar public areas. If desired in production areas, monitor results and reduce concentrations in stages to 200 ppm as satisfactory control is achieved and maintained. Use an 800 ppm solution (3.8 grams in one-half gallon of water) in foot baths to sanitize boots at entrances to production areas.

3. **TO CONTROL ODORS** in dry storage areas, cold rooms, refrigerated showcases, kitchens, docks, dumpsters, and in waiting rooms, toilets, showers, etc., apply a fine spray mist of 800 ppm TIMSEN solution throughout the area or on the equipment. To control more intense odors, use a 1600 ppm TIMSEN solution. Rinse food contact surfaces before use. Do not spray on food or packaging materials.

4. In MEDICAL AND VETERINARY FACILITIES on hard surfaces such as walls, floors, tables, counters and waste containers clean with a detergent, rinse and apply an 800 ppm solution of TIMSEN. Do not rinse.

5. **HAND AND GLOVE SANITIZING:** Wash hands and gloves with warm water and soap. Rinse with potable water. Immerse gloves for 1 minute or more and immerse hands briefly in a 100 to 200 ppm solution of TIMSEN to above the wrist area. Drain or wipe hands with a clean single service towel. Do not rinse gloves unless required by regulating authorities. Discard used solution daily or more often if it becomes diluted. Establish a procedure to test solution strengths in your situations.

6. **TO SANITIZE THE UDDERS AND TEATS** of milk cows, first wash them and allow them to drip dry. Do not wet again with water. Strip each teat to remove fore-milk. Apply a 200 ppm solution of TIMSEN (3.8 grams in 2 gallons equals 200 ppm) with a spray or raise a pan of the solution to submerge the teats. Thoroughly wet the teats and the base of the udder. Allow 30 seconds or more contact time. Wipe the area with a single-use clean paper towel and proceed to milk the cow.

DANGER:

See Front Panel for
Precautionary Statements

Do not mix with soap or anionic detergents which would reduce the effectiveness of TIMSEN.

EPA Reg. No. 507-3 and EPA Reg. No. 507-3-66784
Form No. 94-04D

BEST AVAILABLE COPY

ACCEPTED
with COMMENTS
in EPA Letter D-103
Refer to DILUTION TABLE
on side panel.

JUL 14 1994
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registration under EPA Reg. No.

507-3

70411

TIMSEN™

Please read the entire label
before using this product.

DIRECTIONS FOR USE

GENERAL CLASSIFICATION

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

TIMSEN is included in the list of substances acceptable as slimicides in 21 CFR Ch. 1 (4-1-93 Edition) § 176.300 (c) without limitations and (d). It may be used as an antimicrobial agent to control slime in the manufacture of paper and paper board including those that may contact food.

AS A SLIMICIDE IN PULP AND PAPER MILLS: To control bacteria and fungi in the process water, add 12 ounces of TIMSEN to each 1,000 gallons of water. Dilution will be 36 ppm. Determine results and adjust the amount of TIMSEN to the minimum necessary for control.

DANGER:
See Front Panel for
Precautionary Statements

Refer to DILUTION TABLE
on side panel.

Do not mix with soap or anionic detergents which would reduce the effectiveness of TIMSEN.

EPA Reg. No. 507-3 and EPA Reg. No. 507-3-66784

Form No. 94-07A

ACCEPTED
with COMMENTS
In EPA Letter Dated:

JUL 14 1991
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, the pesticide
Registration No.

507-3

BEST AVAILABLE COPY

BEST AVAILABLE COPY

80411

TIMSEN™

Please read the entire label
before using this product.

DIRECTIONS FOR USE

GENERAL CLASSIFICATION

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

TIMSEN is included in the list of substances acceptable as slimicides in 21 CFR Ch. 1 (4-1-93 Edition) § 176.300 (c) without limitations and (d). It may be used as an antimicrobial agent to control slime in the manufacture of paper and paper board including those that may contact food. It may also be used to control algae in papermills.

AS AN ALGICIDE IN PULP AND PAPER MILLS: To control algae in process water add 2 ounces to 4 ounces of TIMSEN per 1,000 gallons of water depending on the kind and amount of algae present. Dilutions will be 6 ppm to 12 ppm.

DANGER:
See Front Panel for
Precautionary Statements

Refer to DILUTION TABLE
on side panel.

Do not mix with soap or anionic detergents which would reduce the effectiveness of TIMSEN.

EPA Reg. No. 507-3 and EPA Reg. No. 507-3-66784

Form No. 94-07A

RECEIVED
with COMMENTS
in EPA Letter Dated:
JUL 1 1984
507-3

BEST AVAILABLE COPY

9041

TIMSEN™

Please read the entire label
before using this product.

DIRECTIONS FOR USE

GENERAL CLASSIFICATION

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

FOR ALGAE CONTROL IN INDUSTRIAL AND COMMERCIAL COOLING TOWERS:

To control algae in metal or wooden cooling towers, spray surfaces with water to remove visible algae. Collect and discard. Spray on a 20 ppm solution of TIMSEN to thoroughly wet all surfaces. Do not rinse. If growth appears, repeat the application of TIMSEN. For severe conditions increase concentration to 100 ppm.

| | | |
|-------------------------------------|---|---------|
| 3.8 grams TIMSEN in 4 gallons water | = | 100 ppm |
| 1 ounce TIMSEN in 30 gallons water | = | 100 ppm |

When control is achieved maintain with 20 ppm applications

DANGER:

See Front Panel for
Precautionary Statements

Refer to DILUTION TABLE
on side panel.

Do not mix with soap or anionic detergents which would reduce the effectiveness of TIMSEN.

EPA Reg. No. 507-3 and EPA Reg. No. 507-3-66784

Form No. 94-07A

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JUL 1 1981

Under
Fungicide
as amended
registered under

507-3

BEST AVAILABLE COPY

10011

TIMSEN™

Please read the entire label
before using this product.

DIRECTIONS FOR USE

GENERAL CLASSIFICATION

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

FOR ALGAE CONTROL IN INDUSTRIAL AND COMMERCIAL RECIRCULATING WATER COOLING SYSTEMS:

Introduce TIMSEN into the system at a point where it can be thoroughly mixed. Initiate treatment to prevent buildup or after the system's efficiency has been reduced. For each 5,000 gallons of water:

- Initial application (With visible algae): Dissolve 16 to 24 ounces of TIMSEN in 2 gallons of water and introduce the solution into the system. Repeat until necessary until control is achieved.
- Maintenance and Prevention: Dissolve 6 ounces of TIMSEN in 1 gallon of water and introduce the solution into the system every 7 days or as needed to control.
- For best results, clean heavily infected systems before treatment with TIMSEN. If soap or an anionic detergent is used, rinse thoroughly with clean water before introducing TIMSEN. TIMSEN is compatible with almost all corrosion inhibiting additives.

DANGER:

See Front Panel for
Precautionary Statements

Refer to DILUTION TABLE
on side panel.

Do not mix with soap or anionic detergents which would reduce the effectiveness of TIMSEN.

EPA Reg. No. 507-3 and EPA Reg. No. 507-3-66784

Form No. 94-07A

ACCEPTED
with COMMENTS
in EPA Letter Dated: _____

JUL 1 1973

Fungicide
as amended
Registration No. 5073

BEST AVAILABLE COPY

11041

TIMSEN™

Please read the entire label
before using this product.

DIRECTIONS FOR USE

GENERAL CLASSIFICATION

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

AS A SWIMMING POOL ALGICIDE:

- Initial Dose Ratio: 32 ounces in 50,000 gallons of water
- Maintenance Dose Ratio: 8 ounces in 50,000 gallons of water

INITIAL DOSE is used when filling the pool or at the start of the swimming season if there is visible algae growth. Add TIMSEN when the filter and pump are in operation for better mixing and distribution. Vacuum the pool after 24 hours to remove any algae debris. After adding TIMSEN, wait 15 minutes before entering pool.

MAINTENANCE DOSE is used at 3 - 5 day intervals. Add TIMSEN while water is being circulated. Use at 3 day intervals when temperatures are high, when the bathing load is heavy and always after a rain. Also add a maintenance dose for each 10,000 gallons of makeup water or in that ratio. For example: Add 1.6 ounces for 10,000 gallons, 4.0 ounces for 25,000 gallons, etc.

DANGER:

See Front Panel for
Precautionary Statements

Refer to DILUTION TABLE
on side panel.

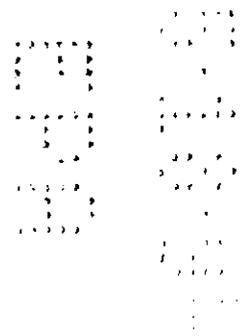
Do not mix with soap or anionic detergents which would reduce the effectiveness of TIMSEN.

EPA Reg. No. 507-3 and EPA Reg. No. 507-3-66784

Form No. 94-07A

ACCEPTED
with COMMENTS
in EPA Letter Dated

JUL 1 1981
Under the Federal Insecticide,
Fungicide and Rodenticide Act
as amended by the pesticide
No. 507-3



BEST AVAILABLE COPY

JUL 14 1994

Unit Chemical Corporation
4161 Redwood Avenue
Los Angeles, CA 90066

Attention: Raymond Chaplar

Gentlemen:

Subject: Timsen
EPA Registration Number 507-3
Your Submission Dated May 13, 1994
EPA Received Date May 18, 1994

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, to revise the "General Directions for Use" as well as add product labeling claims for control of algae, sanitizing udders and teats of milk cows, sanitizing shell eggs, and the use as a slimicide, is acceptable.

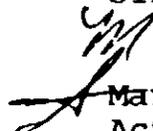
The product name change has been accepted.

Old Name: Improved Timsen
New Name: Timsen

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

If you have any questions concerning this letter, please contact Karen M. Leavy at (703)-305-6966.

Sincerely yours,


Marshall Swindell
Acting Product Manager-31
Antimicrobial Program Branch
Registration Division(7505C)

BEFORE USING THIS PRODUCT PLEASE READ THE ENTIRE LABEL.

TIMSEN™

BACTERICIDE - FUNGICIDE - VIRICIDE - ALGICIDE

ACTIVE INGREDIENTS: n-Alkyl (60% C₁₄, 30% C₁₆, 5% C₁₂, 5% C₁₈)
dimethyl benzyl ammonium chlorides 40%
INERT INGREDIENT: Urea 60%

THE ORIGINAL QUATERNARY CONCENTRATE IN DRY BEAD FORM.

ACCEPTED
with COMMENTS
In EPA Letter Dated:

JUL 11 1977

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

507-3

See **DIRECTIONS FOR USE** on back of this package.

KEEP OUT OF REACH OF CHILDREN

DANGER: PRECAUTIONARY STATEMENT

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Corrosive. Harmful or fatal if swallowed. Do not breathe spray mist. May cause eye damage and skin irritation. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling. Remove and wash contaminated clothing before reuse. Avoid contamination of food.

See Statement of Practical Treatment on Side Panel.

This product is designed exclusively for industrial and institutional use by trained maintenance personnel. Label directions and precautions must be followed exactly. United Promotions, Inc., will not be responsible for any injury, loss or damage if product is used in any manner not in compliance with the label directions or if the precautions are not observed. (Note: Unit Chemical Corp. will appear in place of United Promotions, Inc., when appropriate.)

NET WEIGHT

LBS.

KG

EPA Reg. No. 507-3-66784
EPA Reg. No. 507-3

EPA Est. No. 507-GA 001 or
EPA Est. No. 507-CA-1

Form No. 94-01

BEST AVAILABLE COPY

STATEMENT OF PRACTICAL TREATMENT

In case of contact with eyes immediately flush with clean water for at least 15 minutes and call a physician. In case of contact with skin wash with soap and water and rinse well. If irritation persists, consult a physician. Remove and wash contaminated clothing before reuse. If swallowed, promptly drink a large quantity of milk, eggwhites, gelatin solution or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately. NOTE TO PHYSICIANS: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

STORAGE AND DISPOSAL

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

STORAGE

Store in a dry place no higher than 120° F. Avoid creasing or impacting of sidewalls.

CONTAINER DISPOSAL

Do not reuse container. Discard container in trash.

PESTICIDE DISPOSAL

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide solutions or rinsate is a violation of Federal law. If these wastes cannot be disposed of according to use instructions on the label, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at an EPA regional office for guidance.

ACCEPTED
with COMMENTS
EPA Letter Dated:

JUL 1 1971

the Federal Insecticide,
Fungicide, and Rodenticide Act
is provided for the pesticide
under EPA Reg. No.

507-3

BEST AVAILABLE COPY

TIMSEN DILUTION TABLE

Preparing solutions to desired solution strengths is made easy with the provided measuring spoon. It holds 3.8 grams of TIMSEN which is the unit or "dose" for making up solutions quickly and accurately. Add TIMSEN to water. It dissolves rapidly in hot or cold water. TIMSEN is stable in solution in a closed container.

| Yield/pound of TIMSEN | | Add 1 dose (3.8 grams) to: |
|-----------------------|-----------------|----------------------------|
| <u>Dilution</u> | <u>Quantity</u> | |
| 1600 ppm | 30 gallons | 1 qt. water for 1600 ppm |
| 800 ppm | 60 gallons | 2 qts. water for 800 ppm |
| 400 ppm | 120 gallons | 1 gal. water for 400 ppm |
| 200 ppm | 241 gallons | 2 gals water for 200 ppm |
| 100 ppm | 482 gallons | 4 gals water for 100 ppm |

TIMSEN is 40% active ingredient.
 3.8 grams TIMSEN = 1.52 grams active ingredient.
 2.5 grams TIMSEN = 1.00 gram active ingredient.

1 mg active ingredient per liter equals 1 ppm.
 .0095 gms TIMSEN per gallon = 1 ppm
 28.35 gms = 1 ounce

ACCEPTED
 with COMMENTS
 in EPA Letter Dated

JUL 11 1981

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

507-3

Distributed by
 UNITED PROMOTIONS, INC.
 The Oxford Building
 2951 Flowers Road South Suite 102
 Atlanta, Georgia 30341 U.S.A.
 Telephone: (404) 6402, (404) 451-6415
 FAX (404) 451-4120

BEST AVAILABLE COPY

TIMSEN™

IN MEAT, POULTRY & FISH INDUSTRIES

55" ✓
Please read the entire label
before using this product.

DIRECTIONS FOR USE

GENERAL CLASSIFICATION

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

This product is intended for sanitizing and disinfecting in poultry slaughtering and further processing plants, poultry hatcheries and farms, meat plants, hog and cattle farms, fish hatcheries and plants. TIMSEN solutions may be applied as a spray or mist, with a clean cloth, sponge or mop or used in a dip tank for smaller equipment and articles such as employees' tools, gloves and hands. TIMSEN solutions are stable. Clean, unused portions may be stored in a closed container for later use. Do not contaminate feed, food, drinking water or packaging materials.

TIMSEN is accepted by USDA/FSIS for use in official establishments operating under the Federal meat, poultry, shell egg grading and egg products inspection programs. Class D-2.

- 1. TO SANITIZE:** any previously cleaned and rinsed FOOD CONTACT SURFACES (e.g., grinders, mixers, blenders, choppers, stuffers, piping, conveyors, tables, work stations, poultry drinking and feeding stations, trolleys, tanks, tubs, barrels, tote boxes, smoke sticks and hooks etc.) apply a 200 ppm solution of TIMSEN to thoroughly wet the surfaces to be disinfected. (3.8 grams in 2 gallons of water equals 200 ppm) Apply promptly after cleaning or just before reuse. For critical points such as cut-up tables, work stations and packaging conveyors in the final processing operations, both applications are recommended. A potable rinse is not required. As an alternative after cleanup, apply a 400 ppm solution. Wet surfaces thoroughly. Allow 15 minutes or more contact time. Rinse with potable water before use.
- 2. TO DISINFECT** any previously cleaned NON-FOOD CONTACT SURFACES (e.g., walls, columns, floors, ceilings, light fixtures, ducts, sinks, trash barrels, inedible drums, non-processing machinery, etc.) apply a 400 ppm solution of TIMSEN. (3.8 grams in one gallon of water equals 400 ppm) Wet the surfaces thoroughly. Do not rinse unless required by local authorities. Use it to disinfect poultry hatcheries, setter trays, hatch baskets and machinery, all dry storage areas, cold rooms, docks, trucks and transport cages. This application is also suitable for toilets, showers, locker rooms, break rooms and similar public areas. If desired, in production areas monitor results and reduce in stages to 200 ppm as satisfactory control is achieved and maintained. Use an 800 ppm solution in foot baths to sanitize boots at entrances to production areas.
- 3. TO CONTROL ODORS** in dry storage areas, cold rooms, refrigerated showcases, kitchens, docks, dumpsters, and in waiting rooms, toilets, showers, etc., apply a fine spray mist of 800 ppm TIMSEN solution throughout the area or on the equipment. To control more intense odors, use a 1600 ppm TIMSEN solution. Rinse food contact surfaces before use. Do not spray on food or packaging materials.
- 4. In MEDICAL AND VETERINARY FACILITIES** on hard surfaces such as walls, floors, tables, counters and waste containers clean with a detergent, rinse and apply an 800 ppm solution of TIMSEN. Do not rinse.
- 5. HAND AND GLOVE SANITIZING:** Wash hands and gloves with warm water and soap. Rinse with potable water. Immerse gloves for 1 minute or more and immerse hands briefly in a 100 to 200 ppm solution of TIMSEN to above the wrist area. Drain or wipe hands with a clean single service towel. Do not rinse gloves unless required by regulating authorities. Discard used solution daily or more often if it becomes diluted. Establish a procedure to test solution strength in your situations.
- 6. SHELL EGG SANITIZING:** Wash chicken eggs for table use or processing. Wash all turkey eggs. Chicken eggs for hatching may be washed or not washed at your option. Allow washed eggs to drip reasonably dry in a clean environment. Promptly spray eggs from all sides until thoroughly wet using a 200-400 ppm solution of TIMSEN. The solution should be at a temperature a few degrees above the egg temperature. Drip dry. Do not rinse. Do not reuse sanitizing solution.

DANGER:

See Front Panel for
Precautionary Statements

ACCEPTED
with COMMENTS
in EPA Letter Permit

Refer to DILUTION TABLE
on side panel.

Do not mix with soap or anionic detergents which would reduce the effectiveness of TIMSEN.

EPA Reg. No. 507-3 and EPA Reg. No. 507-3-66784

Form No. 94-01P

507-3

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TIMSEN™

IN FOOD AND DAIRY INDUSTRIES

69 ✓
Please read the entire label
before using this product.

DIRECTIONS FOR USE

GENERAL CLASSIFICATION

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

This product is intended for sanitizing and disinfecting in dairies and dairy farms, food processing plants, retail food markets and food service companies such as restaurants, cafeterias and caterers. TIMSEN solutions may be applied as a spray or mist, with a clean cloth, sponge or mop or used in a dip tank for smaller equipment and articles such as employees' tools, gloves and hands. TIMSEN solutions are stable. Clean, unused portions may be stored in a sealed container for later use. Do not contaminate food, water, feed or packaging materials. USDA accepts TIMSEN as a Class D-2 sanitizer.

TIMSEN fulfills the criteria of Appendix F, the Grade "A" Pasteurized Milk Ordinance, 1978 Recommendations of the United States Public Health Service. When tested by the method outlined by Chamberz, 200 ppm of the active ingredient will reduce 99.999% of the test organisms within 30 seconds, in water hardness up to 550 ppm when calculated as CaCO₃.

- 1. TO SANITIZE:** any previously cleaned and rinsed FOOD CONTACT SURFACES (e.g., sanitary pipe, fittings and pumps; machinery such as blenders, fillers, packaging machines, conveyors, scales; plastic or metal tote boxes; milking machines and related equipment, etc.) apply a 200 ppm solution of TIMSEN (3.8 grams in 2 gallons of water equals 200 ppm) to thoroughly wet the surfaces to be disinfected. Apply solution promptly after cleaning or just before reuse. For the most critical points in your food safety program both applications are recommended. A potable rinse is not required. As an alternative after cleanup, apply a 400 ppm solution (3.8 grams in one gallon of water equals 400 ppm). Wet surfaces thoroughly. Allow 15 minutes or more contact time. Rinse with potable water before use.
- 2. TO DISINFECT** any previously cleaned and rinsed NON-FOOD CONTACT SURFACES (e.g., walls, columns, floors, ceilings, light fixtures, ducts and filters, sinks, trash barrels, inedible drums, non-processing machinery, etc.) apply a 400 ppm solution of TIMSEN (3.8 grams in one gallon of water equals 400 ppm). Wet surfaces thoroughly. Do not rinse unless required by local authorities. This application is also suitable for toilets, showers, locker rooms, break rooms and similar public areas. If desired in production areas, monitor results and reduce concentrations in stages to 200 ppm as satisfactory control is achieved and maintained. Use an 800 ppm solution (3.8 grams in one-half gallon of water) in foot baths to sanitize boots at entrances to production areas.
- 3. TO CONTROL ODORS** in dry storage areas, cold rooms, refrigerated showcases, kitchens, docks, dumpsters, and in waiting rooms, toilets, showers, etc., apply a fine spray mist of 800 ppm TIMSEN solution throughout the area or on the equipment. To control more intense odors, use a 1600 ppm TIMSEN solution. Rinse food contact surfaces before use. Do not spray on food or packaging materials.
- 4. In MEDICAL AND VETERINARY FACILITIES** on hard surfaces such as walls, floors, tables, counters and waste containers clean with a detergent, rinse and apply an 800 ppm solution of TIMSEN. Do not rinse.
- 5. HAND AND GLOVE SANITIZING:** Wash hands and gloves with warm water and soap. Rinse with potable water. Immerse gloves for 1 minute or more and immerse hands briefly in a 100 to 200 ppm solution of TIMSEN to above the wrist area. Drain or wipe hands with a clean single service towel. Do not rinse gloves unless required by regulating authorities. Discard used solution daily or more often if it becomes diluted. Establish a procedure to test solution strengths in your situations.
- 6. TO SANITIZE THE UDDERS AND TEATS** of milk cows, first wash them and allow them to drip dry. Do not wet again with water. Strip each teat to remove fore-milk. Apply a 200 ppm solution of TIMSEN (3.8 grams in 2 gallons equals 200 ppm) with a spray or raise a pan of the solution to submerge the teats. Thoroughly wet the teats and the base of the udder. Allow 30 seconds or more contact time. Wipe the area with a single-use clean paper towel and proceed to milk the cow.

DANGER:

See Front Panel for
Precautionary Statements

Do not mix with soap or anionic detergents which would reduce the effectiveness of TIMSEN. JUL 11 1978

EPA Reg. No. 507-3 and EPA Reg. No. 507-3-66784
Form No. 94-04D

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with COMMENTS
in EPA Label Database
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on side panel.

507-3

153
TIMSEN™

**Please read the entire label
before using this product.**

DIRECTIONS FOR USE

GENERAL CLASSIFICATION

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

TIMSEN is included in the list of substances acceptable as slimicides in 21 CFR Ch. 1 (4-1-93 Edition) § 176.300 (c) without limitations and (d). It may be used as an antimicrobial agent to control slime in the manufacture of paper and paper board including those that may contact food.

AS A SLIMICIDE IN PULP AND PAPER MILLS: To control bacteria and fungi in the process water, add 12 ounces of TIMSEN to each 1,000 gallons of water. Dilution will be 36 ppm. Determine results and adjust the amount of TIMSEN to the minimum necessary for control.

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DANGER:
See Front Panel for
Precautionary Statements

Refer to DILUTION TABLE
on side panel.

Do not mix with soap or anionic detergents which would reduce the effectiveness of TIMSEN.

EPA Reg. No. 507-3 and EPA Reg. No. 507-3-66784

Form No. 94-07A

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JUL

1993
EPA Regional Office
for the Pacific Region
San Francisco, CA

507-3

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TIMSEN™

Please read the entire label
before using this product.

DIRECTIONS FOR USE

GENERAL CLASSIFICATION

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

TIMSEN is included in the list of substances acceptable as slimicides in 21 CFR Ch. 1 (4-1-93 Edition) § 176.300 (c) without limitations and (d). It may be used as an antimicrobial agent to control slime in the manufacture of paper and paper board including those that may contact food. It may also be used to control algae in papermills.

AS AN ALGICIDE IN PULP AND PAPER MILLS: To control algae in process water add 2 ounces to 4 ounces of TIMSEN per 1,000 gallons of water depending on the kind and amount of algae present. Dilutions will be 6 ppm to 12 ppm.

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DANGER:
See Front Panel for
Precautionary Statements

Refer to DILUTION TABLE
on side panel.

Do not mix with soap or anionic detergents which would reduce the effectiveness of TIMSEN.

EPA Reg. No. 507-3 and EPA Reg. No. 507-3-66784

Form No. 94-07A

ACCEPTED
with COMMENTS
EPA Letter Dated:

JUL

507-3

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TIMSEN™

Please read the entire label
before using this product.

DIRECTIONS FOR USE

GENERAL CLASSIFICATION

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

FOR ALGAE CONTROL IN INDUSTRIAL AND COMMERCIAL COOLING TOWERS:

To control algae in metal or wooden cooling towers, spray surfaces with water to remove visible algae. Collect and discard. Spray on a 20 ppm solution of TIMSEN to thoroughly wet all surfaces. Do not rinse. If growth appears, repeat the application of TIMSEN. For severe conditions increase concentration to 100 ppm.

3.8 grams TIMSEN in 4 gallons water = 100 ppm
1 ounce TIMSEN in 30 gallons water = 100 ppm

When control is achieved maintain with 20 ppm applications

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DANGER:

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Precautionary Statements

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EPA Reg. No. 507-3 and EPA Reg. No. 507-3-66784

Form No. 94-07A

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COMMENTS
Date:

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DIRECTIONS FOR USE

GENERAL CLASSIFICATION

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

FOR ALGAE CONTROL IN INDUSTRIAL AND COMMERCIAL RECIRCULATING WATER COOLING SYSTEMS:

Introduce TIMSEN into the system at a point where it can be thoroughly mixed. Initiate treatment to prevent buildup or after the system's efficiency has been reduced. For each 5,000 gallons of water:

- Initial application (With visible algae): Dissolve 16 to 24 ounces of TIMSEN in 2 gallons of water and introduce the solution into the system. Repeat until necessary until control is achieved.
- Maintenance and Prevention: Dissolve 6 ounces of TIMSEN in 1 gallon of water and introduce the solution into the system every 7 days or as needed to control.
- For best results, clean heavily infected systems before treatment with TIMSEN. If soap or an anionic detergent is used, rinse thoroughly with clean water before introducing TIMSEN. TIMSEN is compatible with almost all corrosion inhibiting additives.

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DANGER:

See Front Panel for
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EPA Reg. No. 507-3 and EPA Reg. No. 507-3-66784

Form No. 94-07A

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in Letter Dated:

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507-3

TIMSEN™

Please read the entire label
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DIRECTIONS FOR USE

GENERAL CLASSIFICATION

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

AS A SWIMMING POOL ALGICIDE:

- Initial Dose Ratio: 32 ounces in 50,000 gallons of water
- Maintenance Dose Ratio: 8 ounces in 50,000 gallons of water

INITIAL DOSE is used when filling the pool or at the start of the swimming season if there is visible algae growth. Add TIMSEN when the filter and pump are in operation for better mixing and distribution. Vacuum the pool after 24 hours to remove any algae debris. After adding TIMSEN, wait 15 minutes before entering pool.

MAINTENANCE DOSE is used at 3 - 5 day intervals. Add TIMSEN while water is being circulated. Use at 3 day intervals when temperatures are high, when the bathing load is heavy and always after a rain. Also add a maintenance dose for each 10,000 gallons of makeup water or in that ratio. For example: Add 1.6 ounces for 10,000 gallons, 4.0 ounces for 25,000 gallons, etc.

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DANGER:
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EPA Reg. No. 507-3 and EPA Reg. No. 507-3-66784

Form No. 94-07A

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DATE: _____
BY: _____

Insecticide
Fertilizer Act
Control

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