

PLEASE NOTE

This image contains more than one label approved for this product on this date.

FEB 17 1988

Du Bois Chemicals
A Division of Chemed Corporation
5th and Walnut Streets
Cincinnati, OH 45202

Attention: Kathy L. Baldock

Gentlemen:

Subject: D-TROL
EPA Registration No. 5736-5
Your Amendment Application Dated August 20, 1987

Your request to amend your registration of D-TROL to include the 55 gallon metal drum with phenolic lining, bulk containers-polyethylene portable tanks in steel cages, stainless steel bulk pak, and bulk tank wagons is granted.

This information has been made a part of the D-TROL file.

Sincerely yours,

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

10363:I:Lee:L-12:KENCO:1/21/88:1/29/88:rw:VO:DG:CB:

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

Cautionary Statements
Hazards to Humans and Domestic Animals.
KEEP OUT OF REACH OF CHILDREN.

DANGER

Corrosive. Causes 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. Harmful if swallowed. Avoid contamination of food.

PHYSICAL HAZARDS - Do not use, pour, spill or store near heat or open flame.

STORAGE AND DISPOSAL

- Do not contaminate water, food, or feed by storage or disposal.
- Open dumping is prohibited.
- Do not reuse empty container.

PROHIBITIONS - This product is corrosive to mild steel. Do not store or transport in unlined metal containers. Do not contaminate food or feed by storage, disposal or cleaning of equipment.

PESTICIDE DISPOSAL - Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL

METAL CONTAINERS: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

GLASS CONTAINERS: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

GENERAL

Consult federal, state or local disposal authorities for approved alternative procedures.

DIRECTIONS FOR USE

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

**For Final Sanitizing Rinsing in Food Plants
For Sanitizing Equipment in Meat and Poultry Plants:**

To sanitize utensils and equipment in handwash, soak, and spray wash operations:

- Pre-rinse or pre-scrape utensils and glasses to remove gross food particles. Pre-soak if necessary.
- Wash thoroughly with a DuBois detergent.
- Rinse with potable water.
- Sanitize in a solution of 200 ppm Quat (1/2 ounce per 1 gallon of water)

Immerse all utensils and glasses for at least 2 minutes. If spraying, keep surface wet with sanitizer for at least 2 minutes. Place sanitized utensils on a rack to air dry. A regularly drain all surfaces before contact with food. In hand wash operations, fresh sanitizing solution be prepared at least daily, prepare it more often the solution becomes diluted or soiled.

Solution used in spray operations may not be reused for sanitizing. Only one sanitization per solution is allowed. The solution may be used for cleaning or other purposes if it is not soiled. Authorized by USDA for use in federally inspected meat and poultry processing plants.

See Technical Data Sheet for: Using Directions for Hand Sanitizing and Egg Sanitizing in Federally Inspected Meat and Poultry Plants.

D-TROL complies with 21 CFR 178.1010, Sanitizing Solutions Food Additive Law for final sanitizing rinsing of food processing equipment and on food contact surfaces in bars and restaurants.

This product fulfills the criteria of Appendix F of of the Grade A Pasteurized Milk Ordinance 1978 Recommendations of the U.S. Public Health Service in waters up to 750 ppm of hardness calculated as CaCO3 when tested by the AOAC Germicidal and Detergent Sanitizers Official Method.

PRODUCT NO. 01260

D-TROL[®]

DISINFECTANT, SANITIZER AND ALGICIDE

ACTIVE INGREDIENTS:

n-alkyl (60% C ₁₂ , 30% C ₁₆ , 5% C ₁₈)	5.25%
dimethyl benzyl ammonium chlorides	5.25%
n alkyl (68% C ₁₂ , 32% C ₁₄) dimethyl ethyl benzyl ammonium chlorides	10.50%

INERT INGREDIENTS:

Water, Food Color and Ethyl Alcohol	89.50
	100.00%

ACCEPTED
with COMMENTS
in EPA Letter Dated:

FEB 17 1988

Under the Federal Insecticide, Fungicide, and Rodenticide Act, this material is accepted for the pesticide registered under EPA Reg. No.

5736-5

EPA Registration No. 5736-5 EPA EST. NO. 5736-OH-1

KEEP OUT OF REACH OF CHILDREN

DANGER!

CORROSIVE: Causes eye damage and skin irritation. Do not get in eyes, on skin, or on clothing. Harmful if swallowed. Avoid contamination of food. Protect eyes and skin when handling.

Statement of Practical Treatment: In case of contact 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.

APPLICATIONS: After cleaning surfaces with suitable detergent and rinsing, the sanitizing solution of D-TROL may be applied by soaking, spraying with suitable spray equipment, a clean mop or clean sponge.

For Disinfecting in Hospitals and Rest Homes: Clean equipment with a suitable detergent and rinse. For disinfecting hard surfaces such as floors, walls, furnishings and carts use 1/4 ounces of D-TROL per 1 gallon of water (600 ppm Quat). For disinfecting porous surfaces uses 1 1/2 ounces of D-TROL PER 1 GALLON OF WATER (1200 ppm Quat)

IF FROZEN, THAW AND MIX TO MAKE USABLE.
NET CONTENTS SHOWN ELSEWHERE ON CONTAINER.



DUBOIS CHEMICALS, A DIVISION OF CHEMED CORP

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Keep bungs tight to permit stacking of containers. Do not transfer contents to an unmarked container. Do not pressurize container to empty. Rinse empty container thoroughly with water before discarding or removing this label.



CORROSIVE LIQUID, NOS UN 1760

Made in U.S.A. DL-149-606



AND STORAGE BY SERVICE PERSONS
 CORPORATION • CINCINNATI, OHIO 45202 • U.S.A.

NEXT

LABEL

ACCEPTED

in EPA Letter Dated:

FEB 17 1988

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 5736-5 PRODUCT NO. 01260

Precautionary Statements

Hazards to Humans and Domestic Animals.

KEEP OUT OF REACH OF CHILDREN.

DANGER

Corrosive. Causes 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. Harmful if swallowed. Avoid contamination of food.

PHYSICAL HAZARDS - Do not use, pour, spill or store near heat or open flame.

STORAGE AND DISPOSAL

- Do not contaminate water, food, or feed by storage or disposal.
- Open dumping is prohibited.
- Do not reuse empty container

PROHIBITIONS - This product is corrosive to mild steel. Do not store or transport in unlined metal containers. Do not contaminate food or feed by storage, disposal or cleaning of equipment.

PESTICIDE DISPOSAL - Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL

METAL CONTAINERS: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

PLASTIC CONTAINERS: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

GENERAL

Consult federal, state or local disposal authorities for approved alternative procedures.

DIRECTIONS FOR USE

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

For Final Sanitizing Rinsing in Food Plants
For Sanitizing Equipment in Meat and Poultry Plants:

To sanitize utensils and equipment in handwash, Soak, and spray wash operations:

1. Pre-rinse or pre-scrape utensils and glasses to remove gross food particles. Pre-soak if necessary.
2. Wash thoroughly with a DuBois detergent.
3. Rinse with potable water.
4. Sanitize in a solution of 300 ppm Quat (1/2 ounce per 1 gallon of water)

Immerse all utensils and glasses for at least 2 minutes. If spraying, keep surface wet with sanitizer for at least 20 minutes.

5. Place sanitized utensils on a rack to air dry. Frequently clean all surfaces before contact with food.

For hand wash operations, fresh sanitizing solution must be prepared at least daily, or more often if the solution becomes dilute or soiled.

Solution used in spray operations may not be reused for sanitizing. Only one sanitization per solution is allowed. The solution may be used for cleaning or other purposes if it is not soiled.

Authorized by USDA for use in federally inspected meat and poultry processing plants.
See Technical Data Sheet for Using Detergent for Hand Sanitizing and Egg Sanitizing in Federally Inspected Meat and Poultry Plants.

D-TROL complies with 21 CFR 178.1010, Sanitizing Solutions Food Additive Law for final sanitizing rinsing of food processing equipment and on food contact surfaces in bars and restaurants.

This product fulfills the criteria of Appendix F of the Grade A Pasteurized Milk Ordinance 1978 Recommendations of the U.S. Public Health Service in waters up to 750 ppm of hardness calculated as CaCO3 when tested by the AOAC Germicidal and Detergent Sanitizers Official Method.

D-TROL

DISINFECTANT, SANITIZER AND ALGICIDE

ACTIVE INGREDIENTS:

n-alkyl (60% C ₁₂ , 30% C ₁₄ , 5% C ₁₆)	5.25%
dimethyl benzyl ammonium chlorides	5.25%
n-alkyl (68% C ₁₂ , 32% C ₁₄) dimethyl ethyl benzyl ammonium chlorides	10.50%

INERT INGREDIENTS:

Water, Food Color and Ethyl Alcohol	89.50
	100.00%

EPA Registration No. 5736-5 EPA EST. NO. 5736-OH-1

KEEP OUT OF REACH OF CHILDREN

DANGER!

CORROSIVE: Causes eye damage and skin irritation. Do not get in eyes, on skin, or on clothing. Harmful if swallowed. Avoid contamination of food. Protect eyes and skin when handling.

Statement of Practical Treatment: In case of contact 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.

APPLICATIONS: After cleaning surfaces with suitable detergent and rinsing, the sanitizing solution of D-TROL may be applied by soaking, spraying with suitable spray equipment, a clean mop or clean sponge.

For Disinfecting in Hospitals and Rest Homes: Clean equipment with a suitable detergent and rinse. For disinfecting hard surfaces such as floors, walls, furnishings and carts use 1/2 ounces of D-TROL per 1 gallon of water (600 ppm Quat). For disinfecting porous surfaces uses 1 1/2 ounces of D-TROL PER 1 GALLON OF WATER (1200 ppm Quat)

IF FROZEN, THAW AND MIX TO MAKE USABLE.
NET CONTENTS SHOWN ELSEWHERE ON CONTAINER.

SOLELY FOR INDUSTRIAL USE - ONLY FOR SALE TO USE AND

DUBOIS CHEMICALS, A DIVISION OF CHEMED CORP.



PRODUCT NO. 01260

D-TROL®

DISINFECTANT, SANITIZER AND ALGICIDE

ACTIVE INGREDIENTS:

n-alkyl (80% C ₁₂ , 30% C ₁₄ , 5% C ₁₆)	5.25%
dimethyl benzyl ammonium chlorides	5.25%
n-alkyl (68% C ₁₂ , 32% C ₁₄) dimethyl ethyl benzyl ammonium chlorides	10.50%

INERT INGREDIENTS:

Water, Food Color and Ethyl Alcohol	89.50
	100.00%

EPA Registration No. 5736-5 EPA EST. NO. 5736-OH-1

KEEP OUT OF REACH OF CHILDREN

DANGER!

CORROSIVE: Causes eye damage and skin irritation. Do not get in eyes, on skin, or on clothing. Harmful if swallowed. Avoid contamination of food. Protect eyes and skin when handling.

Statement of Practical Treatment: In case of contact 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.

APPLICATIONS: After cleaning surfaces with suitable detergent and rinsing, the sanitizing solution of D-TROL may be applied by soaking, spraying with suitable spray equipment, a clean mop or clean sponge.

For Disinfecting in Hospitals and Rest Homes: Clean equipment with a suitable detergent and rinse. For disinfecting hard surfaces such as floors, walls, furnishings and carts use ¼ ounces of D-TROL per 1 gallon of water (600 ppm Quat). For disinfecting porous surfaces uses 1 ½ ounces of D-TROL PER 1 GALLON OF WATER (1200 ppm Quat).

IF FROZEN, THAW AND MIX TO MAKE USABLE.
NET CONTENTS SHOWN ELSEWHERE ON CONTAINER.

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CORROSIVE LIQUID, NOS
UN 1760

FEB 17 1988

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 5736-5

== SOLELY FOR INDUSTRIAL USE - ONLY FOR SALE TO USE AND STORAGE BY SERVICE PERSONS ==

WALS, A DIVISION OF CHEMED CORPORATION • CINCINNATI, OHIO 45202 • U.S.A

NEXT

LABEL

FEB 17 1988

Du Bois Chemicals
A Division of Chemed Corporation
5th and Walnut Streets
Cincinnati, OH 45202

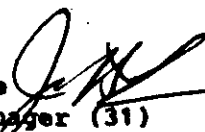
Attention: Jeanne Dodd

Gentlemen:

Subject: D-TROL Disinfectant, Sanitizer, Algaecide
EPA Registration No. 5736-5
Your Amendment Application Dated January 21, 1987

The labeling referred to above, submitted in connection with the
Label Improvement Program Notice for Antimicrobial Products Used as Food
Contact Surface Sanitizers, is acceptable. A stamped copy is enclosed
for your records.

Sincerely yours,

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

Enclosure

10363:I:Lee:L-12:KENCO:1/21/88:1/29/88:rw:VO:DG:CB

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

Precautionary Statements
Hazards to Humans and Domestic Animals.

KEEP OUT OF REACH OF CHILDREN.

DANGER

Corrosive. Causes 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. Harmful if swallowed. Avoid contamination of food.

PHYSICAL HAZARDS — Do not use, pour, spill or store near heat or open flame.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

- Do not contaminate water, food, or feed by storage or disposal.
- Open dumping is prohibited.
- Do not reuse empty container.

PROHIBITIONS — This product is corrosive to mild steel. Do not store or transport in unlined metal containers. Do not contaminate food or feed by storage, disposal or cleaning of equipment.

PESTICIDE DISPOSAL — Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL

METAL CONTAINERS: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

PLASTIC CONTAINERS: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

GENERAL

Consult federal, state or local disposal authorities for approved alternative procedures.

**For Final Sanitizing Rinsing in Food Plants
For Sanitizing Equipment in Meat and Poultry Plants:**

To sanitize utensils and equipment in handwash, soak, and spray wash operations:

1. Pre-flush or pre-scrape utensils and glasses to remove gross food particles. Pre-soak if necessary.
2. Wash thoroughly with a DuBois detergent.
3. Rinse with potable water.
4. Sanitize in a solution of 200 ppm Quat (1/2 ounce per 1 gallon of water)

Immerse all utensils and glasses for at least 2 minutes. If spraying, keep surface wet with sanitizer for at least 2 minutes.

5. *Place sanitized utensils on a rack to air dry. Adequately drain all surfaces before contact with food.*

For hand wash operations, fresh sanitizing solution must be prepared at least daily, prepare it more often if the solution becomes diluted or soiled.

Solution used in spray operations may not be re-used for sanitizing. Only one sanitization per solution is allowed. The solution may be used for cleaning or other purposes if it is not soiled.

Authorized by USDA for use in federally inspected meat and poultry processing plants.

D-TROL complies with 21 CFR 178.1010, Sanitizing Solutions Food Additive Law for final sanitizing rinsing of food processing equipment and on food contact surfaces in bars and restaurants.

This product fulfills the criteria of Appendix F of of the Grade A Pasteurized Milk Ordinance 1978 Recommendations of the U.S. Public Health Service in waters up to 750 ppm of hardness calculated as CaCO3 when tested by the AOAC Germicidal and Detergent Sanitizers Official Method.



DUBOIS CHEMICALS

p. 2 of 3 (please conti e)

PRODUCT NO. 01260

D-TROL®

DISINFECTANT, SANITIZER AND ALGICIDE

ACTIVE INGREDIENTS:

n-alkyl (60% C ₁₄ , 30% C ₁₆ , 5% C ₁₈)	
dimethyl benzyl ammonium chlorides	5.25%
n alkyl (68% C ₁₂ , 32% C ₁₄) dimethyl ethyl benzyl ammonium chlorides	5.25%
	10.50%

INERT INGREDIENTS:

Water, Food Color and Ethyl Alcohol	89.50
	100.00%

EPA Registration No. 5736-5 EPA EST. NO. 5736-CAI-NJ-(OH-I-TX-I)

KEEP OUT OF REACH OF CHILDREN

DANGER!

CORROSIVE: Causes eye damage and skin irritation. Do not get in eyes, on skin, or on clothing. Harmful if swallowed. Avoid contamination of food. Protect eyes and skin when handling.

Statement of Practical Treatment: In case of contact 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.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

FEB 17 1988

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
5736-5

Made in U.S.A.

APPLICATIONS: After cleaning surfaces with suitable detergent and rinsing, the sanitizing solution of D-TROL may be applied by soaking, spraying with suitable spray equipment, a clean mop or clean sponge.

For Disinfecting in Hospitals and Rest Homes: Clean equipment with a suitable detergent and rinse. For disinfecting hard surfaces such as floors, walls, furnishings and carts use 3/4 ounces of D-TROL per 1 gallon of water (600 ppm Quat). For disinfecting porous surfaces uses 1 1/2 ounces of D-TROL PER 1 GALLON OF WATER (1200 ppm Quat).

Food Additive Law
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Public Health Ser-
when tested by the

SOLELY FOR INDUSTRIAL USE - ONLY FOR SALE TO USER AND STORAGE BY SERVICE
CHEMICALS, A DIVISION OF CHEMED CORPORATION, CIN

UP

Keep bungs tight to permit stacking of containers. Do not transfer contents to an unmarked container. Do not pressurize container to empty. Rinse empty container thoroughly with water before discarding or removing this label.



Made in U.S.A. OL-149-785

CORROSIVE LIQUID, NOS
ACCEPTED with COMMENTS UN 1760
in EPA Letter Dated:

FEB 17 1988

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

5756-5

USE AND STORAGE BY SERVICE PERSONS
ORATION • CINCINNATI, OHIO 45202 • U.S.A.