

PLEASE NOTE

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

5736-5

03/16/1977

1/2

USE AS A FUNGICIDE

D-TROL

TECHNICAL DATA

GENERAL DESCRIPTION:

D-TROL is a blend of dual quaternary ammonium chlorides formulated to be effective for destroying fungi which cause mold and mildew.

<u>PROPERTIES:</u>	pH 1% solution	6.5 - 7.5
	Color	Light green
	Foam	Slight
	Stability	Stable in hard water up to 750 ppm
	Density	8.28 pounds per gallon

EPA Registration Number 5736-5-AA

RECOMMENDED USING PROCEDURE:

For Destroying Mold and Mildew on Hard Surfaces: Clean surfaces with a suitable detergent or soap. For best results, kill mold and mildew with D-TROL. For surfaces that are porous, such as wood and wall paper, D-TROL should be applied to the surface.

For Destroying Mold and Mildew on Soft Surfaces: Clean surfaces with a suitable detergent or soap. For best results, kill mold and mildew with D-TROL. For surfaces that are porous, such as wood and wall paper, D-TROL should be applied to the surface.

DANGER - KEEP OUT OF REACH OF CHILDREN. See detailed precautionary instructions on the container label.

ACCEPTED

MAR 16 1977

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

over...

1-1776-376 **BOIS CHEMICALS, DIVISION OF CHEMED CORPORATION**
GENERAL SALES OFFICE - CINCINNATI, OHIO - PHONE 615-7200

Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

NEXT

LABEL

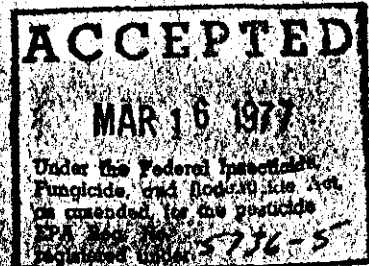
GENERAL DESCRIPTION:

D-TROL is a blend of dual quaternary ammonium chlorides formulated for sanitizing in beverage, dairy, food, meat and poultry operations and as a water conditioner for preventing formation of odor and slime in food package and can warmer. The use of D-TROL in food package warmers improves sanitation of the warmer increases efficiency and reduces maintenance costs and downtime. It also contributes to conservation of energy and conservation of water.

EPA Registration Number 5736-5-AA.

PROPERTIES:

pH in solution	6.5 - 7.5
Color	Light green
Foam	Slight
Stability	Stable in hard water up to 750 ppm
Concentration	15 pounds per gallon



GERMICIDAL DATA:

AOAC No. 975-01
Staphylococcus aureus (ATCC No. 29) are reduced in 30 seconds with 1 ounce solution per gallon of water.

RECOMMENDATIONS FOR USE:

Use 1/4 ounce of D-TROL per gallon of water for Dairy/Food Plants. Clean 200 ppm. For final sanitizing solution, Part 121, Food Additive Law for final sanitizing rinsing of food processing equipment and food contact surfaces in bars and restaurants. No rinse required in dairies unless specified by area health authorities. "This product fulfills the criteria of Appendix F of the Grade A Pasteurized Milk Ordinance 1965 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."

FOR SANITIZING EQUIPMENT IN MEAT AND POULTRY PLANTS:

Clean equipment with a suitable detergent and rinse. Sanitize with 1/4 ounce of D-TROL in 1 gallon of water (200 ppm quat.), as a final sanitizing rinse. Listed as a Code G sanitizer and Code N compound for treating closed systems in the "List of Chemical Compounds" authorized for use under U.S.D.A.

1947-776

DUCIS CHEMICALS, DIVISION OF CHEMED CORPORATION
GENERAL OFFICE: DUCIS TOWER, CINCINNATI, OHIO 45202 · PHONE: (513) 762-6000

Makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

DIRECTIONS FOR USE:

Poultry, Meat, Rabbit, and Egg Product Inspections Program.

AS A WATER CONDITIONER IN FOOD PACKAGE WARMERS:

For preventing odors and reduction of the number of bacteria, fungi & yeasts which produce slime, slug feed 1 ounce of D-TROL for each 4 gallons of water (200 ppm Quat.) in the warmer one half hour before shutdown to insure adequate mixing. Use in food package warmer for food sealed in plastic, glass or cans.

Apply D-TROL at the above recommended dilution every third day's operation or when fresh water is used to fill the warmer. In the event slime appears, add the above dosage.

PRECAUTIONS:

DANGER - KEEP OUT OF REACH OF CHILDREN

See detailed precautionary instructions on the container label.

ENVIRONMENTAL CAUTIONS:

This product is toxic to fish. Treated effluent should not be discharged into or drain into lakes, streams, ponds, or public water. Do not use this water for cleaning of equipment, or disposal of wastes. Apply this product only as specified in the technical literature.

NEXT

LABEL

FOR SANITIZING AND BREWERY PASTEURIZERS

D-TROL
TECHNICAL DATA

GENERAL DESCRIPTION:

D-TROL is a blend of dual quaternary ammonium chlorides formulated for sanitizing in beverage, dairy and food operations and as a water conditioner for preventing formation of odor and slime in brewery pasteurizers. The use of D-TROL in brewery pasteurizers improves sanitation of the pasteurizer, increases efficiency and reduces maintenance costs and downtime. Slime formations clog the nozzles on the holes in the distribution pans in the brewer and precool sections of the pasteurizers.
EPA Registration Number 5736-5-AA

PROPERTIES:

Appearance: Light green liquid
pH: 10.5 - 11.5
Solubility: Soluble in water
Stability: Stable in solution
Specific Gravity: 1.05
Density: 10.5 pounds per gallon
Toxicity: Non-toxic
Odor: Slight
Corrosivity: Non-corrosive
Compatibility: Compatible with most brewery equipment
Application: For sanitizing and water conditioning in brewery pasteurizers
Storage: Store in original container, tightly sealed, in a cool, dry place.
Shelf Life: Indefinite
Safety: Avoid contact with eyes and skin. If contact occurs, flush with water. Do not ingest.
Disposal: Dispose of according to local regulations.
EPA Registration Number: 5736-5-AA

WATER CONDITIONER IN BREWERY PASTEURIZER

For preventing odors and for the reduction of the number of bacteria, fungi and yeast which produce slime, slug feed one volume ounce of D-TROL for each four gallons of water (2 ppm quat.) into the preheating and precooling sections of brewery pasteurizers one half hour before shutdown. Insure adequate mixing. Apply D-TROL at the lowest recommended dilution. Do not use D-TROL in conjunction with other sanitizers. Do not use D-TROL in conjunction with other water conditioning chemicals. Some operations may require the use of D-TROL in conjunction with other sanitizers.

AMERICAN CHEMICALS DIVISION OF THE AMERICAN ALCOHOL DISTILLERS ASSOCIATION
CINCINNATI, OHIO

Other than the warranty, expressed or implied, concerning the use of this product other than as shown on the label, there is no liability on the part of the manufacturer for the use and/or handling of this material when such use and/or handling is contrary to label instructions.

Should slime develop, clean all spray nozzles or distribution pans and brush down the sides of the pasteurizer. Then slug feed the above recommended dosage daily one half hour before shutdown time. D-TROL will retard the growth of microorganisms which produce slimes, but will not physically remove the slime once it has developed.

PREVENTION OF REACH OF CHILDREN.

See also the following instructions on the container label.

ENVIRONMENTAL CONDITIONS

Treated effluent should not be discharged into lakes, streams, ponds, or other bodies of water. Do not use for cleaning of equipment, or for any other purpose specified in this technical manual.