

Rev. 7/26/82

## RESEARCH LABORATORY/TECHNICAL DATA

### Sanitizing Commercial Food Eggs With D-TROL

#### GENERAL DESCRIPTION:

Eggs should be washed with authorized cleaning/destaining compounds prior to being sanitized. These compounds are normally slug fed when fresh washing solutions are made up. Frequently the washer is drained, flushed out and refilled at breaks and lunchtime, depending on the egg soil load. After cleaning, eggs are sanitized with an authorized egg sanitizing compound such as D-TROL.

#### DIRECTIONS FOR USE:

The Grading Branch, Poultry Division of the USDA recommends the following procedures:

- a) Wash eggs promptly after gathering.
- b) Water with an iron content in excess of 2 parts per million shall not be used unless equipment capable of removing the excess iron is installed on the water system.
- c) Wash water temperature to be 90°F. or higher.
- d) Maintain wash water at a temperature which is at least 20°F. warmer than the temperature of the eggs to be washed.
- e) Spray rinse washed eggs with warm potable water containing an approved sanitizing compound.
- f) Eggs should be reasonably dry before casing or breaking.

ACCEPTED

SEP 22 1982

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

It is advisable to check the "List of Proprietary Substances and Nonfood Compounds: Authorized for Use Under USDA Inspection and Grading Programs," to insure that the product is authorized for egg sanitizing. Copies of USDA Authorization Letters for DuBois products are available from the Research Laboratory upon request.

Code Q3 - Shell-egg sanitizing compounds.

Eggs that have been sanitized with these compounds shall be subjected to a thorough potable water rinse only and if they are to be immediately broken for use in the manufacture of egg products.

D-TROL at 1/4 ounce per gallon of water (200 ppm quat.) is authorized as a Code Q3 shell-egg sanitizing compound for eggs that are intended to be used as food or food components. Spray rinse washed eggs with warm potable water containing D-TROL at this concentration. The sanitizing solution should be warmer than the eggs, but not to exceed 130°F. Wet eggs thoroughly and allow to drain. Eggs sanitized with this compound shall be subjected to a thorough potable water rinse only if they are to be immediately broken for use in the manufacture of egg products. Eggs should be reasonably dry before breaking. Egg sanitizing solution should not be re-used for sanitizing.

#### CAUTION:

DANGER: KEEP OUT OF THE REACH OF CHILDREN.  
See Precautionary Statement on container label.

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