



## Spartan Chemical Company, Inc.

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### Training Information

**Market Segment:**

Building Service Contractors, Education, Food Processing\_Agricultural, General Manufacturing, Government, Healthcare, Lodging\_Hospitality, Other, Retail

**Title:**

#### ONE STEP CLEANER DISINFECTANTS

Check If Applicable:  Rx Procedure  None  
 Cleancheck Procedure

#### Procedures:

##### I. Standard In Use Dilution Test - AOAC

- A. Standard by which efficacy of disinfectants has been judged for years.
  - 1. Simulates the disinfection of a hard surface
  - 2. Scientifically reproducible method
  - 3. Determines ability of disinfectant to kill pure strains of microorganisms on unsoiled steel surface.
    - a. Test is not realistic to the real world.
    - b. Certain types of dirt, or "organic soil" interfere with a disinfectant's ability to kill microorganisms.

##### II. EPA Modified Testing Procedure for Cleaner Disinfectants

- A. Cleaner disinfectant is a product that contains both a germicide and cleaning agents.
  - 1. Meant to clean and disinfect in one step
  - 2. Works on moderately dirty surfaces
- B. "Organic soil" is simulated with 5% blood serum.
- C. Cleaner disinfectants that pass the test can be labeled as a single step cleaner disinfectant for moderately dirty surfaces.
- D. Products that fail this test must be labeled to use two steps.
  - 1. First clean surface
  - 2. Apply product to clean, dry surface to disinfect
- E. All disinfectants, both one and two step products, require cleaning heavily soiled surfaces first, before disinfection.