

**DIRECTIONS FOR USE**  
General Classification

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

Al09 detergent disinfectant has been designed specifically for hospitals, nursing homes, schools, food processing plants and other institutions where housekeeping is of prime importance.

**DISINFECTION-** To disinfect hard inanimate surfaces (such as walls, floors, table tops), apply a solution with mop, cloth, sponge or mechanical sprayer so as to wet all surfaces thoroughly. Allow to remain wet for 10 minutes and then let air dry.

**DILUTION RATES:** General Disinfection - add 2 ounces Al09 per gallon of water. Hospital Disinfection - add 3 ounces Al09 per gallon of water.

To disinfect toilet bowls, flush toilet, add 2 ounces Al09 detergent disinfectant directly to the bowl water. Swab the bowl completely using a scrub brush or toilet mop, making sure to get under the rim. Let stand for 10 minutes and flush.

For heavily soiled areas, a pre-cleaning step is required and recommended. Prepare a fresh solution for each use.

**MILDEWSTAT-** To control mold and mildew on hard non-porous surfaces (such as floors, walls, table tops), clean surface then add 2 ounces Al09 per gallon of water. Apply with a cloth, mop or sponge to surfaces to be treated making sure to wet thoroughly. Let air dry. Prepare a fresh solution for each use. Repeat application at weekly intervals or when mildew growth reappears.

**SANITIZATION-** To sanitize previously cleaned and rinsed non-porous food contact surfaces, prepare 200ppm active quaternary Al09 solution by adding 4 ounces Al09 to 5 gallons of water.

To sanitize immobile items (such as tanks, chopping blocks, counter tops), flood the area with 200ppm Al09 solution or apply with a cloth or sponge, making sure to wet all surfaces completely for at least 60 seconds. Let air dry. Prepare a fresh solution for each use.

To sanitize mobile items (such as drinking glasses, eating utensils) immerse in 200ppm Al09 solution for at least 60 seconds making sure to immerse completely. Remove and let air dry. Prepare a fresh solution daily or more frequently as soil is apparent.

**PRECAUTIONARY STATEMENTS**  
Hazard to Human and Domestic Animals  
**WARNING**

Keep Out of Reach of Children. Causes eye and skin irritation. Do not get in eyes, on skin or clothing. Harmful if swallowed.

**STATEMENT OF PRACTICAL TREATMENT**  
In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash all contaminated clothing before reuse. If swallowed, drink milk, egg whites, gelatin solution or if these are not available, drink large quantities of water. Call a physician.

**NOTE TO PHYSICIAN**  
Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

**Al09 DETERGENT DISINFECTANT**  
HOSPITAL/INSTITUTIONAL

Cleaner Disinfectant  
Detergent Fungicide (against  
Deodorizer Pathogenic fungi)  
Sanitizer  
Mildewstat (on hard inanimate surfaces)

**ACTIVE INGREDIENTS:**  
n-Alkyl (60% C<sub>14</sub>, 30% C<sub>16</sub>, 5% C<sub>12</sub>,  
5% C<sub>18</sub>) dimethyl benzyl ammonium  
chloride ..... 1.60%  
n-Alkyl (68% C<sub>12</sub>, 32% C<sub>14</sub>)  
dimethyl ethylbenzyl ammonium  
chloride ..... 1.60%  
**INERT INGREDIENTS:** ..... 96.80%  
**TOTAL** 100.00%

EPA REG. NO. 46405-09

**KEEP OUT OF REACH OF CHILDREN**  
**WARNING**

See side panels for additional precautionary and first aid statements.

ABRO CHEMICAL COMPANY  
TEMPLE HILLS, MD 20711

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ONLY FOR SALE TO, USE, AND STORAGE BY SERVICEPERSONS

Al09 is a heavy duty cleaner disinfectant and sanitizer designed for general household use, schools, food processing plants, light industrial and hospital applications where housekeeping is of prime importance in controlling the hazard of cross contamination. When used as directed, Al09 is formulated to disinfect inanimate hard surfaces (such as walls, floors, sink tops, toilet bowls, tables, chairs and telephones). For larger areas, such as patient care facilities and restrooms, the product is designed to provide both general cleaning and disinfecting.

In addition, Al09 deodorizes those areas which generally are hard to keep fresh smelling, such as garbage storage areas, empty garbage bins and cans, toilet bowls and any other areas which are prone to odors caused by microorganisms.

**DISINFECTION-** At 2 ounces per gallon dilution, Al09 exhibits effective disinfectant activity against the organisms: *Salmonella choleraesuis* and *Staphylococcus aureus*.

At this level the product is also fungicidal against the pathogenic fungi, *Trichophyton mentagrophytes*.

At 3 ounces per gallon dilution, Al09 is an effective hospital disinfectant and demonstrates disinfectant activity against *Pseudomonas aeruginosa*.

Efficacy tests have demonstrated that Al09 is an effective bactericide, and fungicide, in the presence of organic soil (5% blood serum).

**Mold and Mildewstat-** Al09 prevents and controls mold and mildew and the odors they cause on hard non-porous inanimate surfaces at 2 ounces per gallon dilution.

**SANITIZATION-** When used for sanitization of previously cleaned food equipment or food contact items limit active quaternaries to 200ppm. At this level NO POTABLE WATER RINSE is required.

Al09 is an effective sanitizer when diluted in water up to 450ppm hardness (CaCO<sub>3</sub>).

**STORAGE AND DISPOSAL**

- DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL
- OPEN DUMPING IS PROHIBITED
- DO NOT REUSE EMPTY CONTAINER

**PESTICIDE DISPOSAL-** Pesticides that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticide or buried in a safe place.

**CONTAINER DISPOSAL-** Triple rinse (or equivalent) and dispose in an incinerator or landfill approved for pesticide containers, or bury in a safe place.

