



MADISAN ACID 25 LF

DESCRIPTION: **MADISAN ACID 25 LF** is a multi-purpose no-rinse acid cleaner food contact sanitizer. It is intended for use on washable hard nonporous surfaces in food, dairy and beverage processing plants. It may also be used for non-food contact sanitation in schools, athletic facilities, health clubs and spas. **MADISAN ACID 25 LF** is a quaternary and phosphoric acid combination that not only sanitizes, but also removes lime and scale. It may be used on food processing equipment, utensils and other food contact articles at a concentration of 200 - 400ppm active. The higher-than-200ppm use claims provide more active quaternary for added insurance AND deliver more phosphoric acid for those really stubborn stains, scale and biofilms.

At a minimum of 1 ounce per 4 gallons of water (200ppm), **MADISAN ACID 25 LF** eliminates 99.999% of the following bacteria in 60 seconds in 500ppm hard water (calculated as calcium carbonate):

<i>Campylobacter jejuni</i>	<i>Escherichia coli</i>	<i>Shigella dysenteriae</i>
<i>Escherichia coli</i> 0157:H7	<i>Shigella flexneri</i>	<i>Listeria monocytogenes</i>
<i>Salmonella choleraesuis</i>	<i>Staphylococcus aureus</i>	<i>Yersinia enterocolitica</i>

PROPERTIES:

Appearance:	Off-white to slightly pink liquid with a mild odor.
Specific Gravity:	1.17
pH (100%):	0 - 0.3
pH (1% by Volume):	1.9 - 2.1
pH (1 oz. / 4 gallons):	2.5 - 2.8
Foam:	Low, controlled
Metal Safety:	MADISAN ACID 25 LF in its use solutions is compatible with stainless steel, aluminum and most other surfaces. Before product use, it is recommended that you apply it to a smaller test area to determine compatibility before proceeding with its use.

APPLICATION: **FOOD CONTACT SANITIZER**

Before use in federally inspected meat and poultry food processing plants and dairies, food products and packaging materials must be removed from room or carefully protected. A potable water rinse is not allowed following use of **MADISAN ACID 25 LF** as a sanitizer on previously cleaned hard surfaces provided that the surfaces are adequately drained before contact with food so that little or no residue remains.

Prior to application, remove gross food particles and soil by a pre-flush, pre-scrape, and when necessary, presoak. Then thoroughly wash or flush objects with a good detergent, followed by a potable water rinse before application of the sanitizing solution. Apply a solution of 1 - 2 ounces of **MADISAN ACID 25 LF** in 4 gallons of water, (200 - 400ppm active) to precleaned, hard surfaces, thoroughly wetting surfaces, with a cloth, mop, sponge, sprayer or by immersion. Surfaces should remain wet for at least 1 minute followed by adequate draining and air drying. No potable water rinse is allowed after application of the sanitizing solution.

NON-FOOD CONTACT SURFACES

Add 1 ounce of **MADISAN ACID 25 LF** to 4 gallons of water (200ppm) to sanitize hard, nonporous surfaces. At 200ppm active, **MADISAN ACID 25 LF** is an effective one-step sanitizer against *Staphylococcus aureus* and *Enterobacter aerogenes* in 500ppm hard water as calcium carbonate. Apply sanitizer solution to precleaned, hard nonporous surfaces with a cloth, mop, sponge, sprayer or by immersion. Treated surfaces must remain wet for a minimum of 5 minutes, then wipe down with a sponge, mop or cloth or allow to air dry. A final rinse is suggested.

Complete directions for use are on the EPA product label.

PRODUCT CAUTIONS: Corrosive. Causes irreversible eye damage and skin burns. Do not get in eyes, on skin or on clothing. Protect eyes and skin when handling concentrate. Harmful if swallowed. Avoid contamination of water, food or feed. Contains octyl decyl dimethyl ammonium chloride, didecyl dimethyl ammonium chloride, dioctyl dimethyl ammonium chloride, alkyl dimethyl ammonium chloride (C₁₂₋₁₆), phosphoric acid and ethanol.

EMERGENCY FIRST AID:

EYES & SKIN: Immediately flush with large quantities of cool water continuously for at least 15 minutes. Call a physician. Remove contaminated clothing and shoes. Do not put contaminated clothing and shoes back on. Wash clothing and shoes thoroughly in soap and water; rinse repeatedly in clean water and dry before reuse.

INGESTION: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

INHALATION: Move person to fresh air. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice. **NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

If use is contemplated for purposes other than, or by methods different from those specifically recommended herein, please contact the manufacturer for advice.

FOR INDUSTRIAL USE ONLY - KEEP OUT OF THE REACH OF CHILDREN.