



Sterigent

GERMICIDAL CLEANER

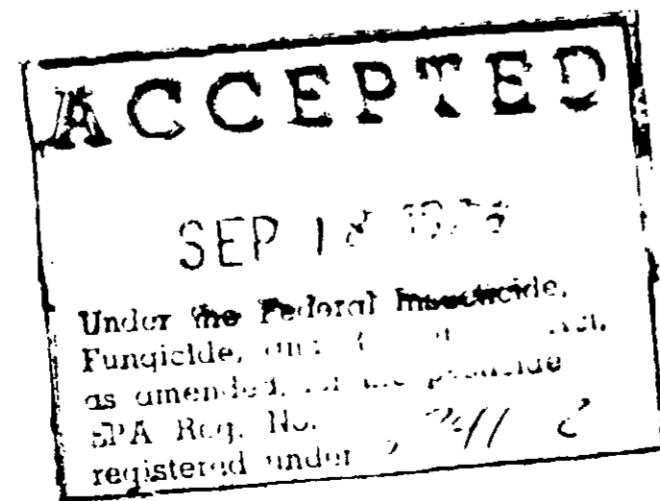
ACTIVE INGREDIENTS
n-alkyl (C₁₄-50%, C₁₂-40%,
C₁₆-10%) dimethyl benzyl
ammonium chlorides. 4.5%
INERT INGREDIENTS. 95.5%
Contains sodium nitrite
EPA REG. NO. 5741-2
EPA EST. NO. 5741-OH-1

**A HEAVY DUTY CLEANER
AND DISINFECTANT DESIGNED FOR
HOSPITAL AND INSTITUTIONAL USE**

DANGER:

**KEEP OUT OF REACH
OF CHILDREN**

See back panel for additional
precautionary and first aid
statements.



Staphylocidal Pseudomonocidal Bactericidal
Sanitizer Deodorizer

FOR INSTITUTIONAL AND INDUSTRIAL USE ONLY
Spartan Chemical Co., Inc., 110 N. Westwood, Toledo, Ohio 43607

NET CONTENTS • 5 U.S. GALLONS



Sterigent GERMICIDAL CLEANER

STERIGENT is a quaternary based germicidal cleaner that has been designed for a wide range of use from hospitals to schools to restaurants. It offers excellent disinfection and cleaning in one time-saving operation. Sterigent contains the best builders and surfactants available for heavy duty cleaning and enough quaternary to give a 300 ppm margin of assurance when used at a recommended dilution of 1:43.

Directions for Use:

Disinfection: To clean and disinfect walls, floors, and other hard environmental surfaces, make a disinfectant-cleaner solution of 3 ounces of Sterigent Germicidal Cleaner per gallon of water. Apply this solution with a mop, cloth or sprayer.

Deodorization: When used as directed for cleaning and disinfecting (3 ozs. Sterigent per gallon of water), this solution will effectively eliminate noxious odors.

Sanitization: To reduce bacterial counts to a safe level on food contact surfaces, first clean the area with a solution of 3 ounces Sterigent per gallon of water. Then sanitize with a solution of 0.6 ounces of Sterigent Germicidal Cleaner per gallon of water. Apply this solution with a mop, cloth, sprayer or as a dip. Food contact surfaces must be rinsed with potable water prior to reuse.

STERIGENT has been specially formulated with low alkalinity so that when used as directed, it will not harm nonporous, hard environmental surfaces.

STERIGENT is a germicidal detergent designed for heavy duty cleaning, disinfection and deodorization in one operation. Sterigent is effective against many pathogenic bacteria including **Staphylococcus aureus**, **Pseudomonas aeruginosa** and **Salmonella choleraesuis**. Sterigent has shown this effectiveness in the Use-Dilution Confirmation Test at a dilution of 1:43 as outlined in the manual of the AOAC.

STERIGENT is an effective sanitizer for food contact surfaces against such pathogens as **Staphylococcus aureus** and **Escherichia coli**. This was demonstrated at a dilution of 1:225 by the Official Germicidal and Detergent Sanitizer Test as set forth in the manual of the AOAC.

STERIGENT will not adversely affect conductive flooring when used as directed.

Spartan Guarantee:

Like all Spartan products, Sterigent Germicidal Cleaner is unconditionally guaranteed to give complete satisfaction or any unused portion may be returned for credit.

DANGER:

Corrosive. Causes eye damage and skin irritation. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful or fatal if swallowed. Avoid contamination of food.

First Aid, External:

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 contaminated clothing before reuse.

First Aid, Internal:

If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

Note to Physician:

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

Rinse empty container thoroughly with water and discard it.

SPARTAN CHEMICAL COMPANY INC. TOLEDO, OHIO

STERIGENT



GERMICIDAL CLEANER

- STAPHYLOCIDAL
- BACTERICIDAL
- DEODORIZER
- PSEUDOMONICIDAL
- SANITIZER

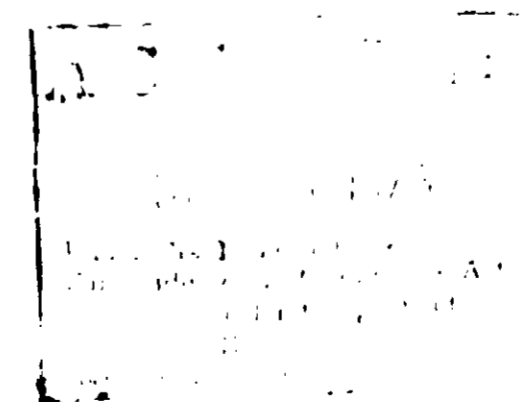
Sterigent is a quaternary based disinfectant detergent designed for both general and hospital use.

Sterigent is a sanitizer for food contact surfaces at 200 ppm active quat - a 1:225 dilution.

Sterigent achieves true deodorization through neutralization of the odor causing chemicals themselves.

Sterigent's dilution ratio has been set to have a margin of assurance of over 300 ppm active quat.

Sterigent's dilution ratio gives the optimal product level for heavy duty cleaning and disinfection in one easy operation.



Sterigent is a versatile germicidal cleaner with excellent cleaning, disinfecting and sanitizing properties. It has been specially formulated with low toxicity. As directed it will not harm nonporous, hard surfaces.

Sterigent is a Bactericide

Sterigent was tested against *Staphylococcus aureus*, *Salmonella choleraesuis* and *Pseudomonas aeruginosa* in accordance with the Use Dilution Testing procedures as outlined in the 12th edition of the manual of the methods for testing Sterigent to be an excellent bactericide at 3 ounces per gallon (oz) at a 1:43 dilution.

Sterigent	Staphylococcus aureus ATCC #6538		Salmonella choleraesuis ATCC #10708		Pseudomonas aeruginosa ATCC #15442	
	No. Tubes Tested	No. Tubes Showing Growth	No. Tubes Tested	No. Tubes Showing Growth	No. Tubes Tested	No. Tubes Showing Growth
Sample A	60	0	30	0	30	0
Sample B	60	0	30	0	30	0
Sample C	60	0	30	0	30	0
Phenol Resistance 1:60			1:90		1:80	

Sterigent is a Sanitizer

Sterigent was tested according to the Detergent Sanitizer Test Method as outlined in the 12th edition of the AOAC. Results of this testing showed Sterigent to be an effective sanitizer at 200 ppm quat, a 1:225 dilution.

Sterigent	Active Quat ppm Level	Escherichia coli ATCC #11229 at 30 seconds	Staphylococcus aureus ATCC #6538 at 30 seconds
Sample A	200 ppm	99.999% reduction	99.999% reduction
Sample B	200 ppm	99.999% reduction	99.999% reduction
Sample C	200 ppm	99.999% reduction	99.999% reduction

Conductive Flooring

Sterigent will not adversely affect conductive flooring when used as directed. Tests run on conductive flooring with Sterigent according to procedures set forth in the National Fire Protection Association Booklet No. 56 showed the following:

Initial Reading	200,000 ohms
After 1st wash with Sterigent at 1:43	200,000 ohms
After 2nd wash with Sterigent at 1:43	150,000 ohms
After 3rd wash with Sterigent at 1:43	160,000 ohms
After 4th wash with Sterigent at 1:43	175,000 ohms
After 5th wash with Sterigent at 1:43	200,000 ohms
After 6th wash with Sterigent at 1:43	275,000 ohms



Spartan

Spartan Chemical Co., Inc.
110 N. Westwood,
Toledo, Ohio 43607

Distributed by

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Deodorization: When used as directed for cleaning and disinfecting (3 ozs. Sterigent per gallon of water), this solution will effectively eliminate noxious odors.

Sanitization: To reduce bacterial counts to a safe level on food contact surfaces, first clean the area with a solution of 3 ounces Sterigent per gallon of water. Then sanitize with a solution of 0.6 ounces of Sterigent Germicidal Cleaner per gallon of water. Apply this solution with a mop, cloth, sprayer or as a dip. Food contact surfaces must be rinsed with potable water prior to reuse.

Specification Data:

- Active Ingredients: n-alkyl (C₁₄-50%, C₁₂-40%, C₁₆ 10%) dimethyl benzyl ammonium chlorides - 4.5%
- Form - Liquid
- Color - Pink
- Specific Gravity - 1.0523 @ 75° F
- pH - Concentrate - 9.1 to 9.2
- Flash Point - none
- Solvents (aromatic and aliphatic) - none
- Miscibility - completely miscible in all proportions with hot or cold water
- Stability: A) One year under normal storage conditions; B) Freezes and thaws with perfect clarity
- Contains biodegradable detergents
- Toxicity - The LD₅₀ for albino rats is 3.90 g/kg (3.48-4.35 g/kg)

Spartan Guarantee:

Like all Spartan products, Sterigent Germicidal Cleaner is unconditionally guaranteed to give complete satisfaction or any unused portion may be returned for credit.

Packaging:

Sterigent is packaged in 55, 30 and 12 gallon drums, 5-gallon pails, and 4 1-gallon jugs to a case.