

# TRIQUAT

EPA Reg. No. 1043-79

Germicide • Fungicide • Virucide\* • Detergent • Deodorizer

<b>Active Ingredients:</b>	
Octyl cetyl dimethyl ammonium chloride .....	1.950%
Dioctyl dimethyl ammonium chloride .....	0.975%
Didecyl dimethyl ammonium chloride .....	0.975%
<b>Inert Ingredients:</b> .....	<b>96.100%</b>

**KEEP OUT OF REACH OF CHILDREN  
DANGER:**

Statement of practical treatment

In case of eye contact, flush with water for 15 minutes. Get medical attention. For skin contact, flush with water. See side panel for additional precautionary statements.

**Contents: One U.S. Gallon**

Classified By Underwriters Laboratories Inc. As To  
Electrical Conductivity When Used On Conductive Floors  
And Spontaneous Heating. Vestal Tri-Quat - For Use With  
Listed Electrically Conductive Flooring Of The Vinyl Type.

# TRIQUAT

Vestal Tri-Quat is a research-developed concentrated hard water effective germicidal detergent which is even effective in the presence of 5% serum. A solution made with two ounces of Vestal Tri-Quat per gallon of water is an eager cleaner and hard surface disinfectant. It has been carefully formulated with fine detergents which emulsify soils while it simultaneously disinfects and deodorizes.


Tri-Quat has been designed for use on all washable hard surfaces such as floors, walls, woodwork, bathroom fixtures, equipment and furniture. It is intended for use only in institutions such as hospitals, nursing homes, industrial plants, schools, medical and dental offices, veterinary clinics and other public areas. Vestal Tri-Quat solutions provide 600 ppm of a high potency quaternary ammonium chloride germicide. It may be used on chrome, stainless steel, porcelain, glass, tile, terrazzo, washable painted or varnished surfaces, and is an excellent cleaner and disinfectant for resilient, vinyl, asphalt, linoleum and rubber floors.

**Germicidal:** Passes A.O.A.C. Germicidal Use-Dilution Method (*S. aureus*, *S. choleraesuis*, *P. aeruginosa*) in 400 ppm hard water, 1:64 (2 oz /gallon) in the presence of 5% organic soil (serum), 10 minutes at 20°C.

**Fungicidal:** Passes A.O.A.C. Fungicidal Test (*T. mentagrophytes*) when diluted with 400 ppm hard water, 1:64 in the presence of 5% added organic soil (serum), 10 minutes at 20°C.

**\*Virucidal:** Passes Virucidal Qualification Test (Influenza A<sub>2</sub> (Hong Kong), Herpes Simplex, Vaccinia) when diluted with 400 ppm hard water, 1:64 (2 oz /gallon) in the presence of organic soil (serum), 10 minutes at 20°C.

**Odor Control:** Eliminates most odors by killing odor-causing bacteria and simultaneously chemically neutralizing their odors, cleans unpleasant-smelling soils and leaves a pleasant lingering fragrance.

 Vestal Laboratories  
A Division of Chemed Corp.  
St. Louis, MO 63110

EPA Est No 1043-MO-1  
6403 394A-100A

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

APR 20 1983

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

1043-79



#### Precautionary Statements

##### Hazard to Humans and Domestic Animals:

#### DANGER

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

**FIRST AID:** In case of eye contact, immediately flush eyes with water for 15 minutes and get medical attention. For skin contact, flush thoroughly with water. Remove and wash contaminated clothing before reuse. If swallowed, drink a large quantity of milk, egg white, gelatin solution or water; avoid alcohol. Do not induce vomiting. Call physician immediately. Note to physicians: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

#### DIRECTIONS FOR USE

##### General Classification

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

**Cleaning and Disinfecting Washable Hard Surfaces:** First measure water into bucket. Add two ounces of Vestal Tri-Quat for each gallon of solution desired. Always add Vestal Tri-Quat to premeasured water. Mix gently for a uniform solution. Apply use-solution using normal cleaning methods with a cloth, mop or brush. Thoroughly wet all surfaces to be cleaned, rub to emulsify soils, then remove excess solution with a wrung-out applicator. Treated surfaces should remain wet for ten minutes. Always remove gross filth, mechanically by sweeping before cleaning begins. Discard solution when it becomes dirty and replace with a fresh solution. Vestal Tri-Quat is a complete product. Do not add other chemicals. Use only as directed.

##### STORAGE AND DISPOSAL

**Prohibitions:** Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.

**Pesticide Disposal:** This germicide, its solutions or rinsings from empty containers, should be disposed of in a toilet or service sink served by a sanitary sewer, in a land fill approved for pesticides or buried in a safe place away from water supplies.

**Container Disposal:** Triple rinse or deposit in a waste container for incineration or burial in a land fill approved by pesticide containers, or bury in a safe place.

**General:** Consult Federal, State or local disposal authorities for approved alternative procedures such as limited open burning. If frozen, thaw and remix before use.

Vestal Laboratories  
Div. of Chemed Corp.  
5035 Manchester Ave.  
St. Louis, MO 63110

Attention: Ms. Cynthia Ann Smith

20 APR 1983

Gentlemen:

Subject: Vestal Tri Quat  
EPA Registration No. 1043-79  
Submission Dated March 8, 1983

Your amendment to add the below statement to your label is acceptable.  
"Classified by Underwriters Laboratories Inc. as to Electrical Conductivity  
when Used on Conductive Floors and Spontaneous Heating."

Vestal Tri Quat - for use with listed Electrically Conductive Flooring of the  
Vinyl Type.

Provided that you:

1. Submit five (5) copies of your final printed labeling before you  
release the product for shipment.

If these conditions are not complied with, the registration will be  
subject to cancellation in accordance with FIFRA sec. 5(e). Your release for  
shipment of the product bearing the amended labeling constitutes acceptance of  
these conditions.

A stamped copy of the labeling is enclosed for your records.

The U. L. Reports submitted (File No. MH 7393 project 81NK22148) have been  
made part of your Confidential File.

We recall your attention to our letter of September 23, 1983 and the fact  
that you must address the subject of child-resistant packaging for this  
product.

Sincerely yours,

*J. Lee*  
John D. Lee  
Product Manager (31)  
Disinfectants Branch  
Registration Division (TS-767C)

Enclosure

TS-767C:LEE:DCR-03136:WANG-3534C:LM:Raven:479-2013:4/16/83

CONCURRENCES							
SYMBOL ▶							
SURNAME ▶							
DATE ▶							

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