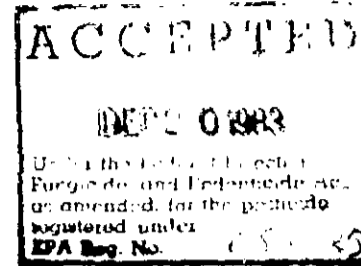


#163



the contamination
hospital outbreaks,
airborne and surface
cleanliness, disinfectant,
fungicide and virucide
virtually eliminates and
cleans, controls the
hazard of cross
contamination from
environmental surfaces
and leaves a pleasant
floral fragrance even in
water with hardness up
to 400 ppm and in the
presence of a 5% serum
contamination.

Q.T.⁴ is especially adapted for use
on floors, walls and other hard
surfaces where broad spectrum kill
is important. It's a proven one-step
disinfectant, sanitizer, fungicide,
mildewstat, virucide which is
effective in water up to 400 ppm
hardness in the presence of 5% serum
contamination. You can save time,
labor and money maintaining the
cleanliness level you require.

VIRUCIDAL - DISINFECTANT

In a single disinfectant/detergent,
Q.T.⁴ offers effective control against
a broad spectrum of bacteria and
is virucidal, fungicidal and prevents
growth of mold and mildew and
their odors when used as directed.

**KILLS ATHLETE'S FOOT FUNGUS
ON HARD SURFACES**

Q.T.⁴ is an effective fungicide
against Trichophyton
mentagrophytes (athlete's foot
fungus) when used on surfaces in
areas such as locker rooms,
dressing rooms, shower and bath
areas, exercise facilities, etc.



Available in 5 and 55 gallon sizes.



EXCELLENT RESULTS

Q.T.⁴ has a powerful synthetic
detergent with excellent cleaning
properties. Its powerful detergent
action quickly frees normal dirt and
grime for easy removal, plus it's
effective in water up to 400 ppm
hardness in the presence of 5%
serum contamination. Q.T.⁴ leaves
all floors clean and bright with no
soap scum buildup.

EFFICIENT

Q.T.⁴ is a time tested formulation
that leaves your floors and other
surfaces clean and bright. Listed
under USDA Poultry, Meat, Rabbit
and Egg Products inspection
program classifications A4 and C4.

AVAILABLE

For larger areas you can save time
by spraying with a mechanical
sprayer. Q.T.⁴ cleans and disinfects
surfaces with a simple spray
application without rinsing in non
food processing areas. You only
need to rinse in food preparation
areas, and before polish
application.

PLEASANT TO USE

Besides its excellent cleaning
qualities and broad spectrum
protection against problem
pathogens, Q.T.⁴ is formulated with
a pleasant floral fragrance. It
leaves a fresh, clean smell.

ECONOMICAL

It just takes 1 ounce of Q.T.⁴ per
gallon of water for regular cleaning
and all disinfecting applications. Its
economical use dilution saves
unnecessary product inventory.

VERSATILE

Q.T.⁴ can be used effectively on any non-porous surface that water will not harm - floors, walls, ceilings, woodwork, furniture, fixtures and in food service areas

CONTROLS ODORS

Q.T.⁴ has a clean, pleasant fragrance. It leaves surfaces sparkling clean with a floral scent

NO RESIDUE

Because Q.T.⁴ will not combine with minerals in hard water or flooring to form soap scum that dulls colors, catches dirt and causes unsightly buildup, it won't attract dirt to increase wear on the surface after cleaning, nor will it create additional maintenance problems or labor.

NO BUILDUP

Q.T.⁴ is effective in water up to 400 ppm hardness in the presence of 5% serum contamination so it doesn't leave "Calcium Soap" or soap scum to dull colors, catch dirt or create unsightly soap buildup

U.L. CLASSIFIED

Q.T.⁴ is classified by Underwriters Laboratories, Inc. * as to electrical conductivity when used on conductive floors and spontaneous heating, 941P. And it's approved for use with vinyl type electrically conductive flooring. It's also U.L. classified as to slip resistance, 186S.

*Virucidal Influenza A/Brazil, Herpes Simplex and Vaccinia Virus at 1 ounce per gallon use-level on inanimate environmental surfaces.

TECHNICAL DATA - Q.T.⁴

1. Nonvolatile matter	19.0% minimum	8. Flash point (T.C.C.)	None
2. Color	Pink	9. Freezing point	Below 30°F.
3. Odor	Floral bouquet	10. Freeze-Thaw stability	Stable after agitation
4. Clarity	Clear	11. pH, concentrate	12.3 - 13.3
5. Sediment	None	12. Germicide type	Quaternary (Four)
6. Viscosity, Gardner, 25°C.	A-4 - A-5	13. Synthetic detergent	Present
7. Weight per gallon, 25°C.	8.5 lbs. (3.86 kg.)	14. Soap	None

TEST METHODS:

1. ASTM D2934
5. ASTM D1290
7. ASTM D1475
8. ASTM D56
11. ASTM E76

APPROVALS:

CLASSIFIED BY UNDERWRITERS LABORATORIES, INC. * AS TO ELECTRICAL CONDUCTIVITY WHEN USED ON CONDUCTIVE FLOORS AND SPONTANEOUS HEATING. Q.T.⁴ FOR USE WITH ELECTRICALLY CONDUCTIVE FLOORING OF THE VINYL TYPE 941P. ALSO CLASSIFIED AS TO SLIP RESISTANCE.

EPA Reg. No. 1658-25
EPA Est. No. 1658-MO-1

683 (#163)

Manufactured by HILLYARD CHEMICAL COMPANY, St. Joseph, Missouri 64502 U.S.A.

GERMICIDAL-DETERGENT EVALUATION CHART
 (Use the space provided to compare germicidal-detergents.)

PRODUCT NAME	HILLYARD Q. T. 4			
EPA REGISTRATION NUMBER	1658 25			
USE DILUTION (Per label information)	1 128			
EFFICIENCY (Per label information)				
GERMICIDAL QUALIFICATIONS	Yes			
HARD WATER EFFECTIVENESS (as CaCO₃)	Yes (400 ppm)			
5% BLOOD SERUM	Yes			
TUBERCULOCIDAL QUALIFICATIONS	No			
HARD WATER EFFECTIVENESS (as CaCO₃)	No			
5% BLOOD SERUM	No			
FUNGICIDAL QUALIFICATIONS	Yes			
HARD WATER EFFECTIVENESS (as CaCO₃)	Yes (400 ppm)			
5% BLOOD SERUM	Yes			
VIRUCIDAL QUALIFICATIONS	Yes			
HARD WATER EFFECTIVENESS (as CaCO₃)	Yes (400 ppm)			
5% BLOOD SERUM	Yes			
SPRAYABLE (Per label information)	Yes			
TOXICOLOGY (Concentrate)				
CAUSES EYE DAMAGE	Yes			
CAUSES SKIN DAMAGE	Yes			
ORALLY TOXIC (Fatal if swallowed)	Yes			
CONTENTS (Per label information)				
PARA-TERTIARY-AMYLPHENOL CONTENT	N.A.			
PARA-TERTIARY-BUTYLPHENOL CONTENT	N.A.			
QUATS (Number)	4 (10.85%)			
ENVIRONMENTAL CONSIDERATIONS				
DETERGENT BIODEGRADABLE	Yes			
PHOSPHATE CONTENT	None			
FLAMMABLE LIQUID				
TAG CLOSURE CUP FLASH POINT	None			
CONCENTRATE	12.3 - 13.3			
U.L. CLASSIFIED	Yes			
<small>(For hazardous locations conductive floors)</small>				
SLIP RESISTANCE (Per label information)	Yes (U.L.)			

302 North Fourth Street
 St. Joseph, Missouri 64502



Hillyard Chemical Company
 Telephone: 816-233-5217



8539

MULTI-PURPOSE
DISINFECTANT
SPRAY CLEANER

CLEANS *DISINFECTS
DEODORIZES
MOST WASHABLE SURFACES
THROUGHOUT THE HOUSE

SPRAY & WIPE - NO RINSING

ACTIVE INGREDIENTS: Octyl decyl dimethyl ammonium
chloride, 0.150%, Dioctyl dimethyl ammonium chloride
0.075%, Didecyl dimethyl ammonium chloride 0.075%.
INERT INGREDIENTS: 99.700% (No Phosphorus)

CAUTION: KEEP OUT OF REACH OF CHILDREN
SEE BACK PANEL FOR OTHER PRECAUTIONS

NET. 22 FL. OZ. (1 PT. 6 OZ.)

ACCEPTED
VIA...
to...

APR 03 1955

EPA Reg. No.
3896-120