

Pm31

1658-25

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Hillyard Chemical Company
302 North Fourth Street
P.O. Box 909
St. Joseph, MO 64502

OCT 23 1985

Attention: James G. Ross
Technical Service Director

Gentlemen:

Subject: Q.T. 4
EPA Registration No. 1658-25
Your Submission of August 15, 1985

The amendment referred to above, submitted in connection with registration under FIFRA sec. 3(c)(7)(A), is acceptable, provided that you:

Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.

If this condition is not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of this condition.

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

Sincerely yours,



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

Enclosure

91363;Lee;RD-75;KENCO;10/11/85;Del.10/24/85;eg/PS

CONCURRENCES

CONCURRENCES								
SYMBOL ▶								
JRNAME ▶								
DATE ▶								

2/13



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

ACCEPTED with COMMENTS EPA Letter



EPA Est.

Precautionary Statements
Hazard to Humans and Domestic Animals
DANGER

KEEP OUT OF REACH OF CHILDREN

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 or fatal if swallowed or absorbed through skin. Avoid contamination of food.

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 contaminated clothing before reuse.

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.

For Sale For Use And Storage
By Maintenance Personnel Only

OCT 23 1995 EPA Reg. No. 1658-25

Under the Federal Insecticide, Fungicide, and Rodenticide Act #163 as amended, for the pesticide registered under EPA Reg. No. 1658-25

Disinfectant-Cleaner-Sanitizer-Fungicide-Mild Virucide®-Deodorizer for Hospitals, Institutional and Effective in hard water up to 400 ppm hardness (calcu in the presence of 5% serum contaminati

- ACTIVE INGREDIENTS:**
- Octyl decyl dimethyl ammonium chloride
 - Dioctyl dimethyl ammonium chloride
 - Didecyl dimethyl ammonium chloride
 - Alkyl (C14, 50%; C12, 40%; C16, 10%) dimethyl benzyl ammonium chloride
- INERT INGREDIENTS:**
- TOTAL:**

KEEP OUT OF REACH OF CHILDREN
DANGER

(See left panel for additional precautionary s

NET: 1 U.S. GALLON (3.785

DIRECTIONS FOR USE

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

Q.T.⁴ is a proven "one-step" disinfectant-cleaner-sanitizer-fungicide-mildew-stain-virucide which is effective in water up to 400 ppm hardness in the presence of 5% serum contamination.

Apply Q.T.⁴ to walls, floors and other hard (inanimate) non-porous surfaces such as tables, chairs, countertops, sinks, tile, porcelain, and bedframes with a cloth, mop or mechanical spray device so as to thoroughly wet surfaces. For heavily soiled areas, a preliminary cleaning is required. Prepare a fresh solution daily or when use solution becomes visibly dirty.

Disinfection — To disinfect hard, non-porous surfaces, add 1 oz. per gallon of water. Treated surfaces must remain wet for 10 minutes. The activity of Q.T.⁴ has been evaluated in the presence of 5% serum and 400 ppm hard water by the AOAC use dilution test and found to be effective against a broad spectrum of gram negative and gram positive organisms as represented by:

<i>Pseudomonas aeruginosa</i>	<i>Enterobacter aerogenes</i>
<i>Staphylococcus aureus</i>	<i>Salmonella schottmuelleri</i>
<i>Salmonella choleraesuis</i>	<i>Streptococcus faecalis</i>
<i>Escherichia coli</i>	<i>Shigella dysenteriae</i>
<i>Streptococcus pyogenes</i>	<i>Brevibacterium ammoniagenes</i>
<i>Klebsiella pneumoniae</i>	<i>Salmonella typhi</i>
	<i>Serratia marcescens</i>

Fungicidal Control — Q.T.⁴ is an effective fungicide against Trichophyton mentagrophytes (the athlete's foot fungus) when used on surfaces in areas such as locker rooms, dressing rooms, shower and bath areas, exercise facilities, etc., at 1 oz./gallon.

Mold and Mildew Control — At 1 oz./gallon, Q.T.⁴ will effectively inhibit the growth of mold and mildew and the odors caused by them when applied to hard, non-porous surfaces (as indicated in general instructions above). Allow to dry on surface and repeat when mildew growth returns.

Virucidal Performance — At 1 oz. per gallon use-level, Q.T.⁴ was evaluated in the presence of 5% serum and 400 ppm hard water and found to be effective against the following viruses: Influenza A/Brazil, Herpes Simplex Type 1 and Type 2 and Vaccinia on inanimate hard, non-porous environmental surfaces.

Sanitizing-Non-Food Contact Surfaces (such as floors, walls, tables, etc.). At 1 oz. per 5 1/2 gallon use-level, Q.T.⁴ is an effective sanitizer against *Staphylococcus aureus* and *Klebsiella pneumoniae* on hard, porous and non-porous environmental surfaces. Treated surfaces must remain wet for 60 seconds. 885

Storage and Disposal

- Do not contaminate water, food, or feed by storage or disposal.
- Do not store on side.
- Avoid creasing or impacting of side walls.

PESTICIDE DISPOSAL

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray or mixture of rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL

Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities by burning. If burned, stay out of smoke. Do not reuse empty container. Wrap container and put in trash.

Manufactured by HILLYARD CHEMICAL CO., St. Joseph, MO 64502 U.S.A.

658-MO-1

ial Use
(CaCO₃)

3.256%
1.628%
1.628%

4.340%
89.149%
100.000%

nts)

ERS)

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Sanitizing-Non-Food Contact Surfaces (such as floors, walls, tables, etc.). At 1 oz. per 5½ gallon use-level, Q.T.⁴ is an effective sanitizer against *Staphylococcus aureus* and *Klebsiella pneumoniae* on hard, porous and non-porous environmental surfaces. Treated surfaces must remain wet for 60 seconds. 885

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