

14-31

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

JUL 17 1989

Mr. William J. Leavy
6000 Research Center
Baltimore, MD 21286

Attention: Donald B. Stettin

Subject:

Product: DYN QUAZ 25G
EPA Registration No. 44496-17
Your Submission Dated March 31, 1989
EPA Received Date April 6, 1989

BEST AVAILABLE COPY

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable provided that you submit five (5) copies of your final printed labeling before you release the product for shipment.

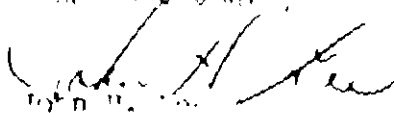
However, at the point printing of your labeling, delete the word "mark."

In the "Precautionary Statement," delete the statement "Measures ... be needed."

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(c). 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.

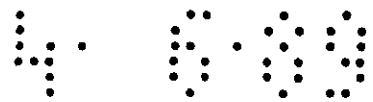
If you have any questions concerning this letter, please contact Karen M. Leavy at (703) 557-2066.

Sincerely yours,

Donald B. Stettin
Product Manager (31)
Antimicrobial Program Branch
Registration Division (125050)

Enclosure
54773:I:Leavy:LI-20;KENC0:7/10/89:8/18/89:AS:GJ:VO:CT

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

Center Panel ProQuat 256B E.P.A. Reg. No. 44486-13



EPA

ProQuat 256^B
germicidal detergent

STAPHYLOCIDAL *VIRUCIDAL	PSEUDOMONACIDAL FUNGICIDAL
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ACTIVE INGREDIENTS

Octyl Decyl Dimethyl Ammonium Chloride	6.0%
Alyl(C ₁₄ 50% C ₁₂ 40% C ₁₆ 10%)	
Dimethyl Benzyl Ammonium Chloride	4.0%
Dioctyl Dimethyl Ammonium Chloride	3.0%
Didecyl Dimethyl Ammonium Chloride	3.0%

INERT INGREDIENTS 84.0%

DILUTION 1 to 256 ONE HALF OUNCE PER GALLON 100.0%

KEEP OUT OF REACH OF CHILDREN

DANGER

See Left Panel For Additional Precautionary Statements
EPA Reg No 44486-13 EPA Est No 44486 MB

I-CHEM LABORATORIES, INC. 6474 Russell, Detroit, MI 48211
Phone (313) 872-0841

Net Contents: 1 GALLON

ACCEPTED
with COMMENTS
in EPA L...
JUL 17 1989

44486-13

BEST AVAILABLE COPY

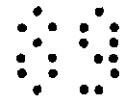
10 pt. ----- DIRECTIONS FOR USE IN HOSPITALS

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

USES: Floor, walls, mirrors, glass, metal surfaces, conductive flooring, painted surfaces, exterior bowl surfaces, empty basins, instruments, showers, and lavatory fixtures. For institutional use only such as hospitals and nursing homes, schools and colleges, medical and dental offices, and veterinary clinics.

6 pt. -----

CLEANING AND DISINFECTING WASHABLE HARD NON-POROUS SURFACES: Add one-half ounce of ProQuat 256 to each gallon of water used. Always add ProQuat 256 to premeasured water. Gently mix for a uniform solution. Apply solution by normal methods with brush, mechanical spray devices, sponge, cloth or mop. Thoroughly wet all surfaces to be cleaned, then remove excess solution with a wrung out applicator. Treated surfaces should remain wet for ten minutes. Remove gross filth mechanically by sweeping before cleaning begins. Discard solution when it becomes dirty and replace with fresh solution. Rinsing is not necessary on floor surfaces unless floors are to be waxed. ProQuat 256 is a complete product. Do not add other chemicals. Use only as directed.



10 pt. ----- DIRECTIONS FOR USE IN ANIMAL, POULTRY AND FARM PREMISES:

1. ProQuat 256 can be used in milking stalls, milking parlors and milk houses.
2. Remove all animals, poultry and feed from premises, vehicles and enclosures.
3. Remove all litter and manure from floors, walls and surfaces of barns, pens, stalls, chutes and other facilities and fixtures occupied or traversed by animals.
4. Empty all troughs, racks and other feeding and watering appliances.
5. Thoroughly clean all surfaces with diluted ProQuat 256. Use high pressure sprayer or apply layer of foam with foaming apparatus. Rinse with water.
6. Treated surfaces should remain wet for ten minutes with diluted ProQuat.
7. Immerse all halters, ropes and other types of equipment used in handling and restraining animals, as well as forks, shovels and scrapers used for removing litter and manure.
8. Ventilate building, coops and other closed spaces. Do not house animals, poultry or livestock or employ equipment until treatment has been absorbed, set or dried.
9. Thoroughly scrub all treated feed racks, troughs, automatic feeders, fountains, waterers and mangers with diluted ProQuat and rinse with potable water before reuse.

ACCEPTED with comments in EPA 10/1/88

JUL 17 1988

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10 pt. ----- STORAGE AND DISPOSAL

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

6 pt. -----

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinseate 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-PLASTIC CONTAINERS: 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.

GENERAL: Consult federal, state, or local disposal authorities for approved alternative procedures.

ProQuat 256 is a "one-step" concentrated multi-purpose germicidal detergent effective in hard waters up to 400 ppm hard water (calculated as CaCO₃) in the presence of 5% organic serum. The activity of ProQuat 256 as been evaluated by the A.O.A.C. use dilution test and found to be effective against the following pathogenic organisms:

Pseudomonas aeruginosa
Staphylococcus aureus
 phage type 90
Salmonella typhi
Staphylococcus aureus
 phage type 42B 52 81
Salmonella choleraesuis
Streptococcus pyogenes
Enterobacter faecalis
Flavobacterium
Enterobacter
Trichomonas

Brevibacterium ammoniagenes
 *Adenovirus Type 2
 *Vaccinia
 *Influenza A/Brazil
 *Influenza A/Hong Kong
 *Herpes Simplex Type 1
 *Herpes Simplex Type 2
Trichomonas interdigitale
Candida albicans

Streptococcus fecalis
Staphylococcus aureus
Shigella dysenteriae
Staphylococcus aureus
 phage type 80
Staphylococcus epidermidis
Enterobacter aerogenes
Escherichia coli
Serratia marcescens
Proteus vulgaris
Shigella sonnei
Salmonella schottmulleri

6 pt. ---
 10 pt. ---
 14 pt. ---
 18 pt. ---
 22 pt. ---
 26 pt. ---
 30 pt. ---

--- Preliminary Statements
 --- DANGERS TO HUMANS AND DOMESTIC ANIMALS
 --- DANGER

CAUTION - HAZARDOUS TO HUMANS: Irritant, causes eye and skin damage. Do not get in eyes, on skin or clothing. Wear goggles or face shield and rubber gloves when handling. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse. Harmful if swallowed. Avoid contamination of food, water or feed.

STATEMENT OF FIRST AID TREATMENT: In case of skin contact, wash thoroughly with soap and water. In case of eye contact, immediately flush eyes with water for 15 minutes and get prompt medical attention. If swallowed, drink plenty of milk, egg whites, gelatin solution or if these are not available, large quantities of water. Avoid alcohol and a physician immediately.

NOTE TO USER: Possible medicinal damage may contraindicate the use of gastric lavage. Measures against vomiting, such as gastric depression and emesis may be needed.

APPROVED
 JUL 17 1989
 44486-13

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