

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Brulin & Company, Inc.
P.O. Box 270
Indianapolis, IN 46206-0270

Subject: Proquat 256b
EPA Registration No. 106-77
Your Application of December 10, 1996

Attn: Berma L. Zootman
Compliance/Regulatory Affairs Manager

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable, subject to the following comments.

1. Submit a updated Confidential Statement of Formula which would include the certified limits. A blank copy of a Confidential Statement of Formula is attached.
2. Remove the word "instruments" in the use directions or qualify that these are non medical-instruments.

A stamped copy is enclosed for your records. Submit one (1) copy of the finished printed label before this product is released for shipment.

If you have any questions about the comments in this letter you should contact Drusilla Copeland at (703) 308-6224.

Sincerely,

for Marion M. Johnson
Product Manager (31)
Antimicrobial Program Branch
Registration Division (7505C)

Enclosure

CONCURRENCES							
SYMBOL	7505C						
SURNAME	D. Copeland						
DATE	2/20/97						

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ProQuat 256^B GERMICIDAL DETERGENT

ACCEPTED
with COMMENTS
to EPA Entry Date:

Feb 20 1997

STAPHYLOCIDAL • PSEUDOMONACIDAL
VIRUCIDAL • FUNGICIDAL

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

ACTIVE INGREDIENTS:

Octyl Decyl Dimethyl Ammonium Chloride	6.0%
Alkyl (C ₁₆ , 50%; C ₁₂ , 40%; C ₁₀ , 10%) Dimethyl Benzyl Ammonium Chloride	4.0%
Dioctyl Dimethyl Ammonium Chloride	3.0%
Didecyl Dimethyl Ammonium Chloride	3.0%
INERT INGREDIENTS	84.0%
TOTAL	100.0%

106-77

DILUTION 1 TO 256 ... ONE-HALF OUNCE PER GALLON

KEEP OUT OF REACH OF CHILDREN DANGER

See Right Panel for Additional Precautionary Statements.

E.P.A. Reg. No. 106-77

E.P.A Est. No. 106-IN-1

Manufactured and Sold by:
BRULIN & COMPANY, INC.

HOME OFFICE/PLANT: P. O. Box 270 • Indianapolis IN 46206-0270
1-800-776-7149

INDIANAPOLIS IN • TAMPA FL • RICHMOND CA

ProQuat 256^B 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^B has been evaluated by the current A.O.A.C. use-dilution test and found to be effective against the following pathogenic organisms:

- | | | |
|-------------------------|---------------------------------------|-------------------------------------|
| Pseudomonas aeruginosa | Brevibacterium ammoniagenes | Streptococcus faecalis |
| Staphylococcus aureus | * Adenovirus Type 2 | Staphylococcus aureus |
| phage type 80 | * Vaccinia | Shigella dysenteria |
| Salmonella typhi | * Influenza A/Brazil | Staphylococcus aureus phage type 81 |
| Staphylococcus aureus | * Influenza A ₂ /Hong Kong | Staphylococcus epidermidis |
| phage type 42B/52/81 | * Herpes Simplex Type 1 | Enterobacter aerogenes |
| Streptococcus pyogenes | * HIV-1 (AIDS Virus) | Escherichia coli |
| Enterobacter cloacae | Trichophyton interdigitale | Serratia marcescens |
| Klebsiella pneumoniae | Candida albicans | Proteus vulgaris |
| Proteus mirabilis | Staphylococcus aureus (MRSA) | Shigella sonnei |
| Shigella flexneri | Multiply (Methicillin)- | Salmonella schottmuelieri |
| Salmonella choleraesuis | Resistant Clinical Isolate | |

* Kills HIV-1 on PRE-CLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS in health care settings or other settings in which there is an expected likelihood of soiling of inanimate surfaces/objects with blood or body fluids, and in which the surfaces/objects likely to be soiled with blood or body fluids can be associated with the potential for transmission of human immunodeficiency virus Type 1 (HIV-1) (Associated with AIDS).

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3-73

ACCEPTED
with COMMENTS
in EPA Letter Dated

FEB 20 1981

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 OF SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS:

PERSONAL PROTECTION: Specific barrier protection items to be used when handling items soiled with blood or body fluids are disposable latex gloves, gowns, masks, or eye coverings.

CLEANING PROCEDURE: Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of ProQuat 256[®]. This pre-cleaning may be accomplished with any cleaning solution including ProQuat 256[®].

DISPOSAL OF INFECTIOUS MATERIALS: Blood and other body fluids should be autoclaved and disposed of according to federal, state and local regulations for infectious waste disposal.

CONTACT TIME: Leave surfaces wet for 1 minute. This contact time will not control other types of viruses and bacteria.

DIRECTIONS FOR USE

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

USE: Floors, walls, 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.

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, 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. ProQuat 256[®] is a complete product. Do not add other chemicals. Use only as directed.

GERMICIDAL: Passes A.O.A.C. Germicidal Use-Dilution Method in 400 ppm hard water, 1:256 (1/4 oz./gallon) in the presence of 5% organic serum, 10 minutes at 20°C.

FUNGICIDAL: Passes A.O.A.C. Fungicidal Test when diluted with 400 ppm hard water, 1:256 (1/4 oz./gallon) in the presence of 5% organic serum, 10 minutes at 20°C.

VIRUCIDAL: Passes A.O.A.C. Virucidal Qualification Test when diluted with 400 ppm hard water, 1:256 (1/4 oz./gallon) in the presence of 5% organic serum, 10 minutes at 20°C.

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: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinse 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 CONTAINER: 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 authorities for approved alternative procedures.

PRECAUTIONARY STATEMENTS

HAZARDS 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 clothing. Wear goggles or face shield and rubber gloves when handling. Remove and wash contaminated clothing before reuse. Harmful if swallowed. Avoid contamination of food, water or feed.

STATEMENT OF PRACTICAL 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 promptly a large quantity of egg whites, or 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.

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