

JUL 01 1987

P.L.C. Corporation
415 Harvester Court
Wheeling, IL 60090

Attention: Roger G. Rister

Gentlemen:

Subject: Quad-Quat
EPA Registration No. 1251-9
EPA Received Date January 28, 1987

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling.
 - a. Delete the phenol coefficient claims from your product label. Phenol coefficient claims are permitted only on labels of those products when the value claimed can be considered meaningful and not misleading. Only when the phenol coefficient of a product, as claimed on the label, can be multiplied by the factor "20" to provide the effective use dilution of the product (as confirmed by the AOAC Use Dilution Method) will the phenol coefficient claim be permitted on the label.
 - b. Delete the following ingredients from the list of active ingredients: [REDACTED] These ingredients at these levels in your product are considered to be inert ingredients. Adjust the total percentage of inert ingredients on your label accordingly so that your total percentage equals 100.
 - c. On the left panel, change "First Aid" to Statement of Practical Treatment.

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CONCURRENCES

SYMBOL	ORIGINATOR							
SURNAME								
DATE								

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- d. On the right panel under "Use Directions" insert:

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

- e. On the center panel, change "Virucide" to "Virecide" and
change "recautionary" to "precautionary."
- f. Include the following heading on your left panel immediately
above the paragraph which begins "DANGER: Corrosive. Causes
eye and . . ."

Precautionary Statements
Hazard To Humans and Domestic Animals
Keep Out of Reach of Children

- g. For container sizes one gallon and smaller, use the following
disposal statement:

Container Disposal

Thoroughly rinse empty container and
discard in trash collection.

The heading "Container Disposal" must be of the same minimum
type size as the "Keep Out of Reach of Children" statement.

2. 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 section 6(d). 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.

Sincerely yours,

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

Enclosure

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Cross-infection is of major housekeeping concern not only in hospitals, but in schools, institutions and industry. QUAD-QUAT is formulated for this problem area. It both cleans and disinfects effectively when used as directed. Hard surface disinfecting action will reduce the hazard of cross-infection from environmental surfaces.

When used as directed, QUAD-QUAT will deodorize toilet areas, behind and under sinks and counters, garbage cans and garbage storage areas, and other places where bacterial growth can cause mal odors.

This product is economical to use because it is highly concentrated and should be handled with care.

DANGER Corrosive. Causes severe 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. Avoid contamination of food.

FIRST AID: 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, as well as oxygen and measures to support breathing manually or mechanically may be needed. If persistent, convulsions may be controlled by the cautious intravenous injection of a short-acting barbiturate drug.

EPA REG. NO. 1251-9
EPA EST. NO. 1251-GA-1

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QUAD-QUAT

HEAVY CONCENTRATED QUAD-QUAT
BASED ON A UNIQUE BLEND OF QUATERNARY

CLEANER • DISINFECTANT • DEODORIZER
FUNGICIDE • VIRUSCIDE

For Hospital and Institutional Use

FOR INDUSTRIAL, INSTITUTIONAL AND COMMERCIAL USE ONLY

ADAC Phenol Coefficients
Staph aureus (ATCC No. 8538) 104.0
Salmonella typhosa (ATCC No. 8539) 140.6

ACTIVE INGREDIENTS

Octyl Decyl Dimethyl Ammonium Chloride	5.000%
Dioctyl Dimethyl Ammonium Chloride	3.420%
Didecyl Dimethyl Ammonium Chloride	3.000%
Alkyl (C14, 50%, C12, 47%, C16, 10%) Benzyl Dimethyl Ammonium Chloride	1.000%
Tetrasodium Ethylenediamine Tetraacetate	80.080%
Isopropyl Alcohol	100.000%
Ethyl Alcohol	
INERT INGREDIENTS	
TOTAL	

DANGER

Keep Out Of Reach Of Children

See left panel for additional precautionary statements
MFG BY HADCO CHEMICAL CO., WHEELING, W. VA. 26060



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Under the Federal
Insecticide, and Ro
to be used for
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1.875% 12.51