

DEC 16 1988

Mason Chemical Company
5253 West Belmont Avenue
Chicago, IL 60641

Attention: Marc M. Mason

Gentlemen:

Subject: Maquat LC125 - 80%
EPA Registration No. 10324-2
Your Submission Dated June 20, 1988
EPA Received Date June 24, 1988


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.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). 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 Leavy at (703) 557-3966.

Sincerely yours,

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

Enclosure

50349:I:Leavy:L-3:KENCO:11/23/88:12/5/88:CL:EK:AS

CONCURRENCES

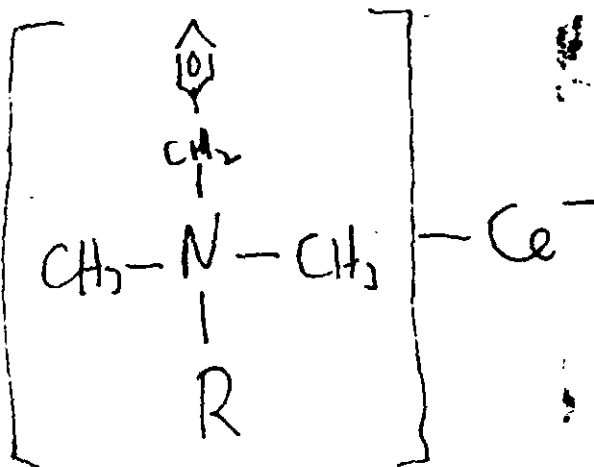
SYMBOL	SURNAME	DATE					

"The Quaternary Specialists"

TECHNICAL BULLETIN

MAQUAT LC12S - 50% EPA Registration Number 10324 - 3

MAQUAT LC12S - 80% EPA Registration Number 10324 - 2



ACCEPTED
with COMMENTS
in EPA Letter Dated:

DEC 16 1988

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended for the Pesticide
registered under EPA Reg. No.
10324-2

50%

N-Alkyl* (67%_{C₁₂}, 25%_{C₁₄}, 7%_{C₁₆}, 1%_{C₁₈})
dimethyl benzyl ammonium chloride

80%

N-Alkyl** (61%_{C₁₂}, 23%_{C₁₄}, 11%_{C₁₆}, 5%_{C₁₈})
dimethyl benzyl ammonium chloride

I. Statement of Ingredients:

Active Ingredients:

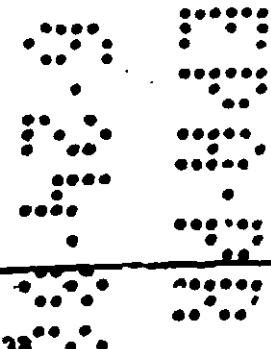
N-Alkyl (67%_{C₁₂}, 25%_{C₁₄}, 7%_{C₁₆}, 1%_{C₁₈})
dimethyl benzyl ammonium chloride

N-Alkyl (61%_{C₁₂}, 23%_{C₁₄}, 11%_{C₁₆}, 5%_{C₁₈})
dimethyl benzyl ammonium chloride

Inert Ingredients:

Total

	<u>50%</u>	<u>80%</u>
N-Alkyl (67% _{C₁₂} , 25% _{C₁₄} , 7% _{C₁₆} , 1% _{C₁₈}) dimethyl benzyl ammonium chloride	50%	
N-Alkyl (61% _{C₁₂} , 23% _{C₁₄} , 11% _{C₁₆} , 5% _{C₁₈}) dimethyl benzyl ammonium chloride		80%
Inert Ingredients:	<u>50%</u>	<u>20%</u>
Total	100%	100%



- color - liquid
- B. pH (10% solution in distilled water):
6.0 - 8.0
- C. Color (APHA): 100max 150max
- D. Average Molecular Weight: 360
- E. Solubility: Freely soluble in water,
lower alcohols, Ketones and glycols
- F. Compatibility: Maquat LC12S - 50% and 80%
is cationic and therefore is incompatible
with soap and anionic surfactants. It is
compatible with nonionics and other cationics.
- G. Corrosion: At use dilution -- is non
corrosive to most plastics, natural
rubber and monel metal. Corrosive to
iron, bronze, brass, aluminum, lead,
tin and copper.

III. Instructions for formulations:

It is a violation of federal law to use this product in a manner inconsistent with the labeling. Formulators using this product are responsible for EPA and State registrations for their formulated products. All products in which a claim is made of a germicidal, algaecidal, bactericidal nature are required to be registered with the Environmental Protection Agency in Washington, D.C.

IV. Germicidal and algaecidal data available on request.

V. MSDS and toxicity studies on request.

ACCEPTED
with COMMENTS
in EPA Letter Dated

DEC 16 1969

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

10524-2

NON-WARRANTY STATEMENT:

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use of our products are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions before adopting them on a commercial scale. Suggestions for uses of our products should not be understood as recommendations that they be used in violation of any patents.