

EEB

REGISTRATION DIVISION
September 6, 1973

Pesticide Petition No. 1F1101 ✓
Food Additive Petition No. 3H5022

Mr. R. D. Wessel, Manager
Research & Development
Chevron Chemical Company
940 Hensley Street
Richmond, California 94704

Dear Mr. Wessel:

This refers to Pesticide Petition No. 1F1101 proposing establishment of tolerances for residues of diquat (calculated as the cation) in or on fish (degutted, descaled, and beheaded), citrus, cucurbits, fruiting vegetables, grain crops, leafy vegetables, nuts, pome fruits, root crop vegetables, seed and pod vegetables, small fruits, stone fruits, avocados, cottonseed, hops, and strawberries at 0.02 part per million and forage grasses and forage legums at 0.1 part per million and Food Additive Petition No. 3H5022 proposing establishment of a tolerance for residues of diquat in potable water at 0.01 part per million.

We have completed our review of these petitions and find that we cannot act favorably on them for the following reasons:

1. We require a more restrictive labeling to support the proposed tolerances.
The following limitations will be needed:

a. Use only in bodies of water under the complete control of the user.

b. Do not use in the state of Florida (where item a is unenforceable).

c. Do not use in bodies of water which are used for potable water unless such water is treated with bentonite or charcoal.

d. Do not use in bodies of water which are used as a source of water for irrigating crops.

2. The proposed tolerances in potable water and fish should

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be expressed in terms of the diquat ion.

3. Since the adequacy of the tolerance on potable water would depend almost entirely on the efficacy of the charcoal or bentonite filtration process, we require some description of or specification for the treatments. (With the additional use limitation, the tolerance proposals for residues in irrigated crops would not be needed).

4. If future proposals are to include use in irrigation water, the residues studies should include irrigation canals. A modified use pattern will be needed to ensure that maximum residues in the water in irrigation canals will be at an acceptable level. Additional data on irrigated crops may be needed.

Upon receipt of the revised labeling and Section F and other required information, we will be able to give further consideration to this petition. Please let us have your reply within 30 days.

Sincerely yours,

Edward Gross, Editor
Federal Register Documents
Coordination Branch

cc: Branch file, CB, TB, Mr Baker
Ms Critchlow, LEB
EGross:dm:9/6/73
R/D Init:JCCummings:8/31/73
CHWilliams:9/4/73
FChichilo:9/5/73