

REVIEW SUMMARY

034401

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ECOLOGICAL EFFECTS BR.
REVIEW SUMMARY

Chemical trade Di brom
common naled
chemical 1,2-dibromo-2,2-dichloroethyl
dimethyl phosphate
Company chevron chemical Co.

Submission TEMP PERMIT PETITION 1F1078 REGISTRATION 237-1281

Date submitted April 3, 1974 Date received September 14, 1974

Type of chemical INsecticide

Use

Beans (lima), peas, hops, safflower

Data submitted for review

Environmental safety:

Mammal LD₅₀

mammal chronic

Fish

Bird

Shrimp, crab, oyster

Other

NO ADDITIONAL
DATA

Environmental chemistry (70-15)

Fish residue

Other

NO ADDITIONAL
DATA

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Chemical DibromConclusions:

1. Dibrom conversion product is DDUP.
2. When sprayed on plant, Dibrom is rapidly decomposed to DDUP.
3. Dibrom has historically caused a residue controversy — bromide — Allowable Daily Intake (ADI) of bromides is already taken up by present registrations and other sources of bromides.
4. Many previously registered uses for Dibrom including mosquitos - tidal marshes, swamps, forests — —
5. Proposed use on lima beans, peas, hops, and safflower should not present any environmental problems beyond reg. uses.

Recommendations 6. Cautions required by Registration ^(Insecticide Registration Act 26, 1974)

"This product is toxic to fish, birds and other wildlife. Birds feeding on treated areas may be killed. Keep out of lakes, streams, or ponds. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where there are valuable resources. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product on as specified on the label."

7. I-R Branch (F&W) Aug 5, 1974 change caution to read "Keep out of lakes, stream, ponds, tidal marshes and estuaries." (over)

This change appears to be in conflict with label use
directions for tidal marshes, swamps.

Chemicon has not responded to our Aug. 5 change —
let I-R Branch solve this problem when it
arises.

(Do not comment on label presentations.)

8. Complete label not submitted, review made on
proposed new uses only. — Beans, hops, and safflower.

Jwa

NAC

9-11-74