

9-2-91

2 ENVIRONMENTAL FATE AND EFFECTS DIVISION

ECOLOGICAL EFFECTS BRANCH

List B Phase 4 - Response on Existing Studies Reviewed

CHEMICAL AI NAME: Molinate (Ordram). **CASE NO.:** 2435.
CHEMICAL NO.: 041402.

REVIEWER'S NAME: James J. Goodyear.
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DATE: April 2, 1991

USE PATTERN(S):

Rice (Postemergence Chemigation, Aerial spray, and Ground spray. Preplant Chemigation, "Soil incorporated treatment [-] Aircraft," and Soil incorporated with ground equipment. Postemergence Chemigation, Aerial spray, Ground spray, Aircraft water application, "Soil incorporated treatment [-] Aircraft," Soil incorporated with ground equipment.)

GUIDELINE NO.: 72-2(a).

TITLE:

Surenant, D.C. 1987. Acute toxicity of Ordram[®] technical to the Sheepshead minnow (*Cyprinodon variegatus*). Springborn Bionomics, Inc., 790 Main Street, Wareham, MA 02571. Laboratory Project ID- Report No. 87-7-2413, Study No. 723.0287.6106.500. Submitted by ICI Americas, Inc., Agricultural Products, Wilmington, Delaware 19897.

MRIDS AND DATES OF STUDIES REVIEWED- 405933-08, 1987.

MRIDS AND DATES OF FULLY ACCEPTABLE STUDIES- None.

COMMENTS:

Even though this was a static study with acetone solvent, it should have measured concentration levels because of the history of Molinate precipitating in aquatic toxicity studies (even with a solvent) and the history of the registrant not telling EPA when it precipitated. Two 48-hour and two 96-hour D.O. levels were too low and the D.O. reporting is questionable.

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