

US EPA ARCHIVE DOCUMENT

ENVIRONMENTAL AGENCY
REVIEW SUMMARY

09830/

J.W. AKERMAN (2)
ECOTOXICITY EFFECTS BRP
REVIEW SUMMARY

Chemical name ~~Temik~~ Temik 15

Common name Aldicarb

Chemical 2-methyl-2-(methylthio) propionaldehyde ^{O-(methylcarbamoyl) oxime}

Company Union Carbide

Submission TEMP PERMIT PETITION REGISTRATION 1016-T1

Date submitted Date received 8-7-74

Type of chemical insecticide (granular)

Use cotton, peanuts, potatoes, sugar beets, sugar cane, sweet potatoes

Data submitted for review

Environmental safety:

Mammal LD50

mammal chronic

Fish

Bird

Shrimp, crab, oyster

Other

Environmental chemistry (70-15)

Fish residue

Other

AKERMAN

Chemical Temik 15%

Conclusions:

1. increased ai from 10% to 15% and reduced applied rates accordingly (10% ~~is~~ is registered)

Recommendations

RL - need W-11 and 99 in wildlife caution paragraph
8-7-74 JRE

chemical Temik 15 GV

Citation
Union Carbide

Reg. No. 1016-T1

Exp permit no. _____

Petition no. _____

Accession NO

Submission date 8-7-74

ORGANISM	TEST	LD ₅₀	LC ₅₀	LC ₅₀ Aquatic			TEST MATERIAL
			Dietary	24 hr	48 hr	96 hr	
Rat ♂	dermal	4.58 g/kg					10%
Rat ♂	dermal	6.32 g/kg					15%
Rabbit	dietary	1.78 mg/kg					ai ai
Rabbit	dietary	1.59 mg/kg					ai
rabbit ♂	dermal	4.80 g/kg					moistened w/ 15% saline
rat ♂	dermal	2.0 g/kg					} 10% Dry Application
rat ♂	dermal	3.15 g/kg					
rat ♀	dermal	3.97 g/kg					
rat ♂	dermal	.566 g/kg					} 10% and 15% moistened w/ saline
rat ♀	dermal	.673 g/kg					
rat ♀	dermal	1.01 g/kg					