

ANZ

NEMACUR

12/16/76

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- ### 1. Photodegradation

does ^{rapidly} to sulfone and/or sulfoxide

2. Aerobic / anaerobic soil metab.

in 30d 5.27% applied remained as P, 66.37% as SO_4 , 147% as SO_2

old no

~~40~~ 58.77% 16.27.

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30d 22.2

56.2

9.5

61d 27.6

45.4

7.8

formerly acceptable, now unacceptable study

- ### 3. Leaching

slightly leaches 2.370 in leachate in 12 inch columns

65.170 in rope line

4. Soil fate based on 19 unacceptable studies in which not

a single useful conclusion was drawn.

generally $> 30^\circ$ $< 90^\circ$ ^{some} ~~most~~ soils $< 180^\circ$ nearly all soils

NOTES in file NOT attached to review

1. Hydrolysis stable at 30°C pH 5-8; pH 9 $T_{1/2} = 14\text{d}$

50°C pH 8 + 1/2 19d pH 9 + 1/2 4d

normally stable

2. aerobic soil

$T^{1/2}$ parent $< 30d$

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ditto (<30d) but longer than 2 above

4. Effects on microbes *none significant*

5 minor leaching - no problem

6. field $\pm 1/2$ < 6 mos mostly < 3 mos

7. F_{12} is not greater than $2X$ (whole body)