

MICHIGAN DEPARTMENT OF NATURAL RESOURCES

INTEROFFICE COMMUNICATION

May 22, 1989

TO: File
FROM: Catherine Simon
SUBJECT: Oxo-Heptyl Acetate (CAS No. 90438-79-2)

The only data available to determine an AAC for this compound was an acute oral toxicity study conducted by the Exxon Corporation. In this study groups of five male and five female Sprague-Dawley rats were dosed once by gavage with 5.0 g/kg of heptyl acetate. No mortality occurred in the animals by fourteen days after dosing, at which time the animals were sacrificed. Using the dose level of 5.0 g/kg as a surrogate oral LD50, the AAC is 41 ug/m³, determined as follows:

$$\text{AAC} = 5,000 \text{ mg/kg} \times (8.12 \times 10^{-6}) = 41 \text{ ug/m}^3$$

CS/amh