

MICHIGAN DEPARTMENT OF NATURAL RESOURCES

INTEROFFICE COMMUNICATION

August 26, 1987

TO: Karen Carlson
FROM: Catherine Simon
SUBJECT: Review of Toxicity Data for 3,5-Dichloro- α -
Methyl Styrene (Permit NO. 533-87)

I have reviewed the acute oral toxicity data submitted by Dow Chemical Company for 3,5-dichloro- α -methyl styrene (DCAMS). Since no mortality was observed in any of the dose groups, the highest dose group (2000 mg/kg) may be used as a surrogate LD50 to calculate an acceptable ambient concentration (AAC). Based upon this value the AAC for DCAMS is 16 ug/m³.

CAS:mh