

Cas.# 88-06-2

MICHIGAN DEPARTMENT OF NATURAL RESOURCES

INTEROFFICE COMMUNICATION

November 6, 1992

TO: FILE

FROM: Cathy Simon

SUBJECT: IRSL for 2,4,6-trichlorophenol

The IRSL for 2,4,6-trichlorophenol is $0.3 \mu\text{g}/\text{m}^3$ based on an annual averaging time. This value was based on the unit risk value of 3.1×10^{-6} ($\mu\text{g}/\text{m}^3$) as taken from the U.S. Environmental Protection Agency's Integrated Risk Information System (IRIS). The EPA calculated this unit risk value from a 1979 National Cancer Institute bioassay in which male F344 rats administered 2,4,6-trichlorophenol in the diet developed an increased incidence of leukemia. The EPA has classified this chemical as a probable human carcinogen (B2).

Other than IRIS, no other sources of information were evaluated.

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