

MICHIGAN DEPARTMENT OF NATURAL RESOURCES

INTEROFFICE COMMUNICATION

September 13, 1993

TO: File for 1-Nitropropane (CAS No. 108-03-2)

FROM: Cathy Simon

SUBJECT: Screening Level

The initial threshold screening level (ITSL) for 1-nitropropane is 900 $\mu\text{g}/\text{m}^3$ based on an 8-hour averaging time.

No reference concentration (RfC) or reference dose (RfD) calculated by the U. S. Environmental Protection Agency, was available for 1-nitropropane. Both the NIOSH recommended exposure level and ACGIH threshold limit value have been set at 90 mg/m^3 . Therefore, the ITSL is determined as follows:

$$ITSL = \frac{90 \text{ mg}/\text{m}^3}{100} = 0.9 \text{ mg}/\text{m}^3 = 900 \text{ }\mu\text{g}/\text{m}^3$$

CAS:ma