

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

INTEROFFICE COMMUNICATION

September 26, 2000

TO: File for octadecanamide (124-26-5)  
FROM: Marco Bianchi, Toxics Unit, Air Quality Division  
SUBJECT: Initial Threshold Screening Level

The initial threshold screening level (ITSL) for octadecanamide is 0.1 micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ ) based on an annual averaging time.

The following references or databases were searched to identify data to determine the ITSL: IRIS-online, HEAST, NTP Management Status Report-online, RTECS, EPB-CCD, EPB library, CAS-online, NLM-online, IARC-online, NIOSH Pocket Guide, ACGIH Guide, ATSDR-online, and Patty's Industrial Hygiene and Toxicology.

A review of the above databases provided only one source of information for octadecanamide, but this data could not be obtained. A Toxic Substance Control Act (TSCA) Section 8(e) submittal was found through the National Library of Medicine's Toxline database. These microfiche submittals are ordered by requesting chemical information with an order number. In this instance, when the microfiche arrived, the order number on the fiche was correct, but the toxicity information was for an entirely different chemical. This problem could not be resolved even with help from the AQD Toxics librarian. Therefore, the ITSL is set at trace ( $0.1 \mu\text{g}/\text{m}^3$  annual averaging).

**The ITSL for octadecanamide =  $0.1 \mu\text{g}/\text{m}^3$  based an annual averaging.**

MB:ST

cc: Cathy Simon, AQD  
Mary Lee Hultin, AQD  
Sheila Blais, AQD