

**MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY**

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**INTEROFFICE COMMUNICATION**

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September 26, 2000

TO: for octadecanoic acid, 1,2-ethanediyl ester (627-83-8)  
FROM: Marco Bianchi, Toxics Unit, Air Quality Division  
SUBJECT: Initial Threshold Screening Level

The Initial threshold screening level (ITSL) for octadecanoic acid, 1,2-ethanediyl ester 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 no information to derive an ITSL for octadecanoic acid, 1,2-ethanediyl ester. Therefore, the ITSL is set at trace.

The ITSL for octadecanoic acid, 1,2-ethanediyl ester =  $0.1 \mu\text{g}/\text{m}^3$  based an annual averaging.

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