

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

INTEROFFICE COMMUNICATION

November 10, 1998

TO: File for 3,5-dimethyl-1-hexyn-3-o (CAS #107-54-0)

FROM: Cathy Simon, Supervisor, Toxics Unit, Air Quality Division

SUBJECT: Change in the Initial Threshold Screening Level (ITSL)

The ITSL for 3,5-dimethyl-1-hexyn-3-o has been changed from 0.04 ug/m<sup>3</sup> to 0.1 ug/m<sup>3</sup> based on an annual averaging time.

The change in the ITSL was made due to a revision in the State's air toxic rules which became effective on November 10, 1998. Previously, the ITSL had been set pursuant to Rule 232(i). This rule sets the ITSL at a default value of 0.04 ug/m<sup>3</sup> (annual average) when no specific data are available to determine an ITSL. The November 10, 1998 revisions to the rules changed this default ITSL to a value of 0.1 ug/m<sup>3</sup>.

No updated review of the literature has been done since the ITSL was originally set at a value of 0.04 ug/m<sup>3</sup>, to determine if new data are available for this compound.

CAS:SLB

# MICHIGAN DEPARTMENT OF NATURAL RESOURCES

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## INTEROFFICE COMMUNICATION

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October 2, 1992

TO: File for 3,5-dimethyl-1-hexyn-3-ol (CAS No. 107-54-0)  
FROM: Mary Lee Hultin, Toxics Unit  
SUBJECT: ITSL for 3,5-dimethyl-1-hexyn-3-ol

A literature search including the IRIS database, RTECS, CAS Online and in-house references failed to reveal sufficient data for calculation of a screening level for this compound. Therefore the trace value of 0.04 ug/m<sup>3</sup> was used in accordance with Rule 232.

ITSL = 0.04 ug/m<sup>3</sup>  
with annual averaging