

**MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY**

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**INTEROFFICE COMMUNICATION**

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November 10, 1998

TO: File for 2-hydroxy-2-methyl-1-phenyl-1-propanone (CAS# 7473-98-5)

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

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

The ITSL for 2-hydroxy-2-methyl-1-phenyl-1-propanone has been changed from 0.04  $\mu\text{g}/\text{m}^3$  to 0.1  $\mu\text{g}/\text{m}^3$  based on 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  $\mu\text{g}/\text{m}^3$  (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  $\mu\text{g}/\text{m}^3$ .

No updated review of the literature has been done since the ITSL was originally set at a value of 0.04  $\mu\text{g}/\text{m}^3$ , 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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September 24, 1993

TO: File for 2-hydroxy-2-methyl-1-phenyl-1-propanone (CAS# 7473-98-5)  
FROM: Michael Depa, Toxics Unit  
SUBJECT: Initial Threshold Screening Level

The initial threshold screening level (ITSL) for 2-hydroxy-2-methyl-1-phenyl-1-propanone is 0.04  $\mu\text{g}/\text{m}^3$  based on an annual averaging time.

The following references or databases were searched to identify data to determine the ITSL: IRIS, RTECS, ACGIH Threshold Limit Values, NIOSH Pocket Guide to Hazardous Chemicals, Environmental Protection Bureau Library, IARC monographs, CAS Online (1967-September 2, 1993), NLM, and NTP Management Status Report. Review of these sources found that there is no data available for 2-hydroxy-2-methyl-1-phenyl-1-propanone. Pursuant of Rule 232(1) (i) the ITSL shall equal 0.04  $\mu\text{g}/\text{m}^3$  based on annual averaging time.