

**MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY**

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**INTEROFFICE COMMUNICATION**

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November 10, 1998

TO: File for dimethylcyclopentane (CAS# 28729-52-4)  
FROM: Cathy Simon, Supervisor, Toxics Unit, Air Quality Division  
SUBJECT: Change in the Initial Threshold Screening Level (ITSL)

The ITSL for dimethylcyclopentane 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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NOVEMBER 22, 1994

TO: File for Dimethylcyclopentane (28729-52-4)  
FROM: Marco Bianchi  
SUBJECT: Initial Threshold Screening Level

The initial threshold screening level (ITSL) for dimethylcyclopentane 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, HEAST, NTP Management Status Report, RTECS, EPB-CCD, EPB library, CAS-online, NLM-online, IARC, NIOSH Pocket Guide, and ACGIH Guide.

A review of the above databases provided no information to derive an ITSL for dimethylcyclopentane. Therefore, the ITSL is set at trace.

**The ITSL for dimethylcyclopentane =  $0.04 \mu\text{g}/\text{m}^3$  based on annual averaging.**