

**MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY**

---

**INTEROFFICE COMMUNICATION**

---

November 10, 1998

TO: File for diisodecyl glutarate (CAS# 29733-18-4)  
FROM: Cathy Simon, Supervisor, Toxics Unit, Air Quality Division  
SUBJECT: Change in the Initial Threshold Screening Level (ITSL)

The ITSL for diisodecyl glutarate 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**

---

INTEROFFICE COMMUNICATION

---

August 31, 1993

TO: File for diisodecyl glutarate (CAS# 29733-18-4)  
FROM: Linda Larsen, Toxics Unit  
SUBJECT: Screening level for diisodecyl glutarate (CAS# 29733-18-4)

The initial threshold screening level (ITSL) for diisodecyl glutarate is .04  $\mu\text{g}/\text{m}^3$  based on annual averaging.

The following databases were searched for toxicity data:

- RTECS
- EPA IRIS
- DNR EPB and NUTSHELL
- NIOSH
- ACGIH TLV
- CAS Online
- HEAST
- IARC Monographs

A search of the sources above failed to identify an RfD, RfC, TLV or REL for diisodecyl glutarate. The available data is insufficient for derivation of an initial screening level based on the toxicity, carcinogenicity, teratogenicity or mutagenicity of this compound. The ITSL is therefore set at trace (ITSL = .04  $\mu\text{g}/\text{m}^3$ ).