

**MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY**

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**INTEROFFICE COMMUNICATION**

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November 10, 1998

TO: File for t-n-butyl ammonium bromide (CAS #1643-19-2)  
FROM: Cathy Simon, Supervisor, Toxics Unit, Air Quality Division  
SUBJECT: Change in the Initial Threshold Screening Level (ITSL)

The ITSL for t-n-butyl ammonium bromide has been changed from 0.04 µg/m<sup>3</sup> to 0.1 µg/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 µg/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 µg/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 µg/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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March 12, 1993

TO: File for Tetra-n-butyl ammonium bromide (CAS# 1643-19-2)

FROM: Mary Lee Hultin, Toxics Unit

SUBJECT: Screening level for Tetra-n-butyl ammonium bromide (CAS# 1643-19-2)

The following sources were searched for toxicity data:

- RTECS
- EPA IRIS
- AQD files
- DNR EPB and NUTSHELL
- NIOSH
- ACGIH TLV
- CAS Online

No toxicity studies were available for a risk assessment for this compound. The screening level for Tetra-n-butyl ammonium bromide (CAS# 1643-19-2) is, therefore, based on a trace value.

ITSL = 0.04 µg/m<sup>3</sup> based on annual averaging.