

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

INTEROFFICE COMMUNICATION

November 10, 1998

TO: File for phenethyl alpha picolinium bromide (CAS# 10551-21-0)

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

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

The ITSL for phenethyl alpha picolinium bromide 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

December 6, 1994

TO: Phenethyl alpha picolinium bromide file (CAS # 10551-21-0)
FROM: Gary Butterfield
SUBJECT: ITSL for Phenethyl alpha picolinium bromide

An Oct 28, 1994 CAS and NLM on-line search was not able to locate any published toxicity studies on phenethyl alpha picolinium bromide. EPA has not established an RfD or RfC for this material. There is no occupational exposure limits for this material established by ACGIH, OSHA or NIOSH.

The ITSL for phenethyl alpha picolinium bromide is being established at 0.04 $\mu\text{g}/\text{m}^3$ with annual averaging under Rule 232(1) (i) as there is no toxicity data available.