

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

INTEROFFICE COMMUNICATION

November 10, 1998

TO: File for t-butylperoxy-2-ethylhexanoate (CAS #3006-82-4)
FROM: Cathy Simon, Supervisor, Toxics Unit, Air Quality Division
SUBJECT: Change in the Initial Threshold Screening Level (ITSL)

The ITSL for t-butylperoxy-2-ethylhexanoate has been changed from 0.04 µg/m³ to 0.1 µg/m³ 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/m³ (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/m³.

No updated review of the literature has been done since the ITSL was originally set at a value of 0.04 µg/m³, to determine if new data are available for this compound.

CAS:SLB

MICHIGAN DEPARTMENT OF NATURAL RESOURCES

INTEROFFICE COMMUNICATION

December 22, 1992

TO: File for t-butylperoxy-2-ethylhexanoate (CAS# 3006-82-4)

FROM: Mary Lee Hultin, Toxics Unit

SUBJECT: Toxicity data for t-butylperoxy-2-ethylhexanoate

A search was conducted of the following sources in order to find data sufficient for a risk assessment.

RTECS
EPA IRIS
DNR NUTSHELL (library and EPB databases
ACGIH TLV and NIOSH REL references
NTP Management Statue Report
CAS Online database

No toxicity data was found in any of these databases. Therefore the screening level will be set at the trace value of 0.04 $\mu\text{g}/\text{m}^3$ with annual averaging.