

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

INTEROFFICE COMMUNICATION

January 29, 2001

TO: Methyl pentamethyl-4-piperidinyl ester of decanedioic acid (CAS # 82919-37-7)
FROM: Gary Butterfield, Toxics Unit, Air Quality Division
SUBJECT: Screening Level for methyl pentamethyl-4-piperidinyl ester of decanedioic acid

The initial threshold screening level (ITSL) for methyl pentamethyl-4-piperidinyl ester of decanedioic acid is being set at $0.1 \mu\text{g}/\text{m}^3$ with annual averaging.

The following references or databases were searched to identify data to determine the screening level: U.S. Environmental Protection Agency (EPA) Integrated Risk Information System (IRIS), National Institute for Occupational Safety and Health (NIOSH) Registry for Toxic Effects of Chemical Substances (RTECS), American Conference of Governmental and Industrial Hygienists (ACGIH) Threshold Limit Values (TLVs), Michigan Department of Environmental Quality (DEQ) library, International Agency for Research on Cancer (IARC) Monographs, Chemical Abstract Service (CAS) Online (1967- January, 2001), National Library of Medicine (NLM) - Toxline, and National Toxicology Program (NTP) Status Report.

No information on this chemical was found in the above list of secondary toxicity references. The January 22, 2001 CAS and NLM on-line searches also did not find any toxicity information that could be used to set the initial threshold screening level (ITSL).

Due to a lack of toxicity information, the ITSL is being set at the default value of $0.1 \mu\text{g}/\text{m}^3$ with annual averaging under R232(i).

GB:DB

cc: Cathy Simon, AQD
Mary Lee Hultin, AQD
Sheila Blais, AQD