

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

INTEROFFICE COMMUNICATION

January 10, 2002

TO: Peroxybenzoic Acid File (CAS #93-59-4)
FROM: Gary Butterfield, Toxics Unit, Air Quality Division
SUBJECT: Screening Level for Peroxybenzoic Acid

The initial threshold screening level (ITSL) for peroxybenzoic 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- July 2000), National Library of Medicine (NLM) - Toxline, and National Toxicology Program (NTP) Status Report.

On-line literature searches were conducted on March 14, 2001 of the CAS and on March 21, 2001 of NLM. No useful toxicity information for setting a screening level was found in either the on-line literature searches or the above standard secondary references.

Due to a lack of available toxicity information the screening level will be set at the default value under R232(i). The initial threshold screening level for peroxybenzoic acid is being set at 0.1 $\mu\text{g}/\text{m}^3$ with annual averaging.

GB:DB

cc: Cathy Simon, AQD
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