

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

INTEROFFICE COMMUNICATION

TO: Polyethylenepolyamine reaction products with C18-unsat. Fatty acids file (CAS # 68410-23-1)

FROM: Gary Butterfield

SUBJECT: Screening level for Polyethylenepolyamine reaction products with C18-unsat. fatty acids

DATE: May 13, 2009

Polyethylenepolyamine reaction products with C18-unsaturated fatty acids screening level is being set at 0.1 ug/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 (1968 - April 2009), National Library of Medicine (NLM) - Toxline, and National Toxicology Program (NTP) Status Report.

The CAS and NLM on-line literature searches for this evaluation were conducted on April 14, 2009. There was no toxicity studies located during the search for polyethylene-polyamine reaction products with C18-unsat. fatty acids.

Due to a lack of available toxicity data, the screening level for polyethylenepolyamine reaction products with C18-unsat. fatty acids is being set at the default screening level under R232(1)(i) which is 0.1 ug/m^3 with annual averaging.

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