

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

INTEROFFICE COMMUNICATION

TO: 2,5-Dimethylbenzaldehyde file (CAS# 5779-94-2)

FROM: Gary Butterfield

SUBJECT: Screening level for 2,5-Dimethylbenzaldehyde

2,5-Dimethylbenzaldehyde is also known as isoxylaldehyde. The molecular formula is C₉H₁₀O. It has a boiling point of 220C.

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- June 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 June 16, 2009. No toxicity information could be located for 2,5-dimethylbenzaldehyde. Due to a lack of data the screening level is being set at the default of 0.1 µg/m³ with annual averaging under R232 (1) (i).

GB: lh