

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

INTEROFFICE COMMUNICATION

TO: File for propylene glycol monophenyl ether (CAS #41593-38-8)

FROM: Anne Kim, Air Quality Division, Toxics Unit

SUBJECT: Screening Level Derivation

DATE: June 20, 2006

The initial threshold screening level (ITSL) for propylene glycol monophenyl ether is 0.1 µg/m³ based on an annual averaging time.

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, Registry for Toxic Effects of Chemical Substances, American Conference of Governmental and Industrial Hygienists Threshold Limit Values, National Institute for Occupational Safety and Health Pocket Guide to Hazardous Chemicals, Environmental Protection Bureau Library, International Agency for Research on Cancer Monographs, Chemical Abstract Service (CAS) - Online (1967 – 2006), National Library of Medicine, Health Effects Assessment Summary Tables, and National Toxicology Program Status Report. The EPA has not established a reference concentration or reference dose for propylene glycol monophenyl ether.

No toxicological data on propylene glycol monophenyl ether was found after an extensive literature search was completed. There are no toxicity studies available from which a screening level could be established.

Pursuant to Rule 232(1)(i), the ITSL for propylene glycol monophenyl ether is 0.1 ug/m³ based on an annual averaging time.

AK:Ih