

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

INTEROFFICE COMMUNICATION

January 27, 2004

TO: 4-chloro-3-fluorobenzonitrile file
(CAS # 110888-15-8)

FROM: Gary Butterfield, Toxics Unit, Air Quality Evaluation Section
Air Quality Division

SUBJECT: Screening level for 4-chloro-3-fluorobenzonitrile

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 - May 2003), National Library of Medicine (NLM) - Toxline, and National Toxicology Program (NTP) Status Report.

The CAS and NLM on-line literature searches were conducted on May 5, 2003. No toxicity information on this chemical was able to be located.

Due to a lack of available toxicity information on this specific chemical, the screening level is being set at the default value of 0.1 ug/m³ with annual averaging under R232(1)(i).