

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

INTEROFFICE COMMUNICATION

June 13, 2003

TO: 2-bromo-1,1-difluoroethane file (CAS # 359-07-9)
FROM: Gary Butterfield
SUBJECT: Screening level for 2-bromo-1,1-difluoroethane

2-Bromo-1,1-difluoroethane has a molecular weight of 144.9 g/mol.

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. There was no information located during the literature searches that could be used to establish a screening level.

Due to a lack of available toxicity information the ITSL is being set at the default value of 0.1 ug/m³ with annual averaging, based on R232(1)(i).

GB:LH