

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

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INTEROFFICE COMMUNICATION

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July 11, 2000

TO: 1-Bromo-3-chloropropane file (CAS # 109-70-6)  
FROM: Gary Butterfield, Toxics Unit, Air Quality Division  
SUBJECT: Screening level for 1-bromo-3-chloropropane

On-line literature searches were conducted on April 14, 2000, of the Chemical Abstract Service, and on April 12, 2000, of the National Library of Medicine. Standard secondary toxic information literature sources were also checked – Registry of Toxic Effects of Chemical Substances (RTECS), National Institute for Occupational Safety and Health, Environmental Protection Agency's Integrated Risk Information System, International Agency for Research on Cancer, National Toxicology Program, etc. Very little toxicity information was located on this particular chemical. The RTECS did report Lethal Dose 50's (LD50's) from a few Russian studies. However, the details of the conditions of those studies were not available for review.

Due to a lack of available toxicity information, the screening level for 1-bromo-3-chloropropane is being established at 0.1 micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ ) with annual averaging under R 232(i).

GB:SLB

cc: Cathy Simon, AQD  
Mary Lee Hultin, AQD