

**MICHIGAN DEPARTMENT OF NATURAL RESOURCES & ENVIRONMENT**

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**INTEROFFICE COMMUNICATION**

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TO: File for Diammonium hydrogen phosphate (CAS #7783-28-0)

FROM: Mary Lee Hultin, Toxics Unit

DATE: April 27, 2010

SUBJECT: Screening Level for Diammonium hydrogen phosphate (CAS # 7783-28-0)

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 Natural Resources and Environment (DNRE) library, International Agency for Research on Cancer (IARC) Monographs, Chemical Abstract Service (CAS) Online (1968 - Feb 2008), National Library of Medicine (NLM) - Toxline, and National Toxicology Program (NTP) Status Report. The CAS and NLM searches were performed in February, 2010.

No relevant toxicity studies are available in the published literature suitable for use in health risk assessment. RTECs reports the existence of a Russian STEL of 10 mg/m<sup>3</sup> from 2003; however, the basis for this could not be determined. Therefore, the screening level for this compound is set at the trace value of 0.1 µg/m<sup>3</sup> as per Act 451, R232.1.(i).

MLH:lh