

BASIC ACRYLIC MONOMER MANUFACTURERS, INC.

The Michigan Department of Environmental Quality Discontinued Regulating Ethyl Acrylate as a Carcinogen in 2008 (Last Updated: 4/3/12)

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The Michigan Department of Environmental Quality (MDEQ) performed a comprehensive review of the science pertaining to the carcinogenicity of ethyl acrylate in 2007-2008. At the time, the MDEQ Initial Risk Screening Level (IRSL) for ethyl acrylate was based cancer, specifically the forestomach tumors observed in oral gavage cancer studies conducted by NTP in rats and mice in the 1980's. The reevaluation was undertaken in response to a request submitted by BAMM, and the purpose was to "determine if it is appropriate to change the existing screening level that was set in the 1980s" (MDEQ, 2008). After evaluating the original NTP studies and the abundant research published in the following two decades, MDEQ decided to "consider ethyl acrylate to be non-carcinogenic and remove [EA] from the [cancer] screening level list." Accordingly, MDEQ replaced the cancer screening level with a non-cancer, 24-hour Interim Threshold Screening Level of 30 mg/m³.

References:

1. Michigan Department of Environmental Quality. (2008). Interoffice Communication from Gary Butterfield to Ethyl Acrylate File re: Screening Level for Ethyl Acrylate (July 22, 2008).
2. Michigan Department of Environmental Quality - Air Quality Division List of Screening Levels (January 4, 2010) at p. 29; available at: http://www.michigan.gov/documents/deq/deq-aqd-toxics-ITSLALPH_244167_7.pdf.

Disclaimer

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