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Calculator: Elisabeth Harrahy, Ph.D.

SECONDARY VALUES FOR CHLOROETHANE (CAS No. 75-00-3)

A search was conducted for information on the chemical properties and toxicity of chloroethane to human health and to fish and aquatic life using the following databases and search engines: ECOTOX (toxicity to fish and aquatic life), IRIS (Integrated Risk Information System; toxicity to human health), and CHEMFATE (environmental fate).

Fish and Aquatic Life Secondary Values

Zero records for chloroethane were found in the ECOTOX database. Therefore, at this time, it is not possible to calculate acute or chronic secondary values for chloroethane.

Human Health Secondary Values

To calculate a criteria or secondary value for the protection of human health, it is first necessary to determine if the substance has been shown to be carcinogenic (which will result in the calculation of a human cancer criteria or secondary value) or not (which will result in the calculation of a human threshold criteria or secondary value). Chloroethane has not yet been classified as to its carcinogenicity by the U.S. EPA (IRIS, 2004). Neither an oral reference dose (oral RfD) nor an oral slope factor are available for chloroethane (IRIS, 2004). Therefore, it is not possible to calculate human threshold or cancer secondary values for chloroethane.