

RfD -- Medium

The critical study is a very well-designed oral study with adequate toxicological endpoints and a higher than average number of animals/sex/dose; therefore, a high confidence was recommended. The database provided adequate supporting subchronic oral studies and reproductive studies; therefore, a medium confidence was recommended. The RfD was supported by subchronic toxicity and teratology studies; however, until additional chronic toxicity data are available a medium confidence is recommended.

I.A.6. EPA Documentation and Review of the Oral RfD

Source Document -- This assessment is not presented in any existing U.S. EPA document.

Other EPA Documentation -- U.S. EPA, 1986

Agency Work Group Review -- 07/08/1985, 08/13/1987

Verification Date -- 08/13/1987

Screening-Level Literature Review Findings -- A screening-level review conducted by an EPA contractor of the more recent toxicology literature pertinent to the RfD for 2,3,4,6-Tetrachlorophenol conducted in September 2002 did not identify any critical new studies. IRIS users who know of important new studies may provide that information to the IRIS Hotline at hotline.iris@epa.gov or (202) 566-1676.

I.A.7. EPA Contacts (Oral RfD)

Please contact the IRIS Hotline for all questions concerning this assessment or IRIS, in general, at (202)566-1676 (phone), (202)566-1749 (FAX) or hotline.iris@epa.gov (internet address).

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I.B. Reference Concentration for Chronic Inhalation Exposure (RfC)

Substance Name -- 2,3,4,6-Tetrachlorophenol
CASRN -- 58-90-2

Not available at this time.

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II. Carcinogenicity Assessment for Lifetime Exposure

Substance Name -- 2,3,4,6-Tetrachlorophenol
CASRN -- 58-90-2

This substance/agent has not undergone a complete evaluation and determination under US EPA's IRIS program for evidence of human carcinogenic potential.

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