

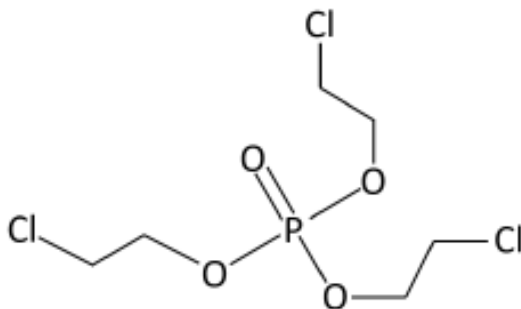


Risk Evaluation for Tris(2-chloroethyl) Phosphate (TCEP)

Supplemental File Folder:

Consumer Modeling Risk Calculations, Sensitivity Analysis, and Visualizations of Results and Environmental Water Quality Portal Data

CASRN: 115-96-8



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The following files are not available in Regulations.gov. In order to access any of these files, please contact the EPA Docket Center, Public Reading Room to view or receive a copy of one or more of these files. Requests for copies can be made as follows:

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This page summarizes the files contained in the packet for final publication.

- 1) 00. COVER PAGE Risk Evaluation for Tris(2-chloroethyl) Phosphate (TCEP) – Supplemental File Folder: Consumer Modeling Risk Calculations, Sensitivity Analysis, and Visualizations of Results and Environmental Water Quality Portal Data (**this document**)
- 2) 01. TCEP Consumer Modeling Results, Risk Calculations and Sensitivity Analysis (.Rmd file)
This document summarizes the TCEP consumer modeling results from CEM 3.0. Running this script will perform the following:
 - Excel files outputted from consumer modeling (CEM_Results_Analysis_ID_XXX.xlsx), appended in the underlying script.
 - Visuals are created based on Inhalation, Ingestion and Dermal doses for each COU, and for acute, chronic and lifetime durations.
 - Risk calculations are also conducted in the underlying script. Non-Cancer (Acute and Chronic) Risks are calculated by $MOE = POD/Exposure\ Dose\ (ADR\ or\ CADD)$, whereas Cancer (Lifetime) Risks are calculated by $Risk = HED * Exposure\ Dose\ (LADD)$. MOEs below the respective acute and chronic benchmarks have risk. Cancer Risks above $(1E-6)$ have risk.
- 3) 02. TCEP Environmental Monitoring from Water Quality Portal (.Rmd file)
- 4) 03. PDF Versions of TCEP R Markdown Scripts
PDF print outs of scripts provided in packet items 01. and 02.
- 5) 04. TCEP Consumer Modeling Script Input Files (folder)
Folders containing input files to run above associated scripts