



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
CHEMICAL SAFETY AND
POLLUTION PREVENTION

Memorandum

DATE: April 27, 2020

SUBJECT: Transmission of Background Materials and Charge to the Panel for the May 26-29, 2020 Session of the Toxic Substances Control Act's Scientific Advisory Committee on Chemicals (TSCA SACC) Reviewing Draft Risk Evaluation for Perchloroethylene (PCE)

TO: Steven Knott
Executive Secretary
FIFRA Scientific Advisory Panel Staff
Office of Science Coordination and Policy

FROM: Sheila Canavan, Acting Director
Risk Assessment Division
Office of Pollution Prevention and Toxics

Transmitted with this memo are copies of the EPA Draft Risk Evaluation for Perchloroethylene (PCE), all background documents, and the charge to the Panel for the May 26-29, 2020 session of the TSCA SACC reviewing the Draft Risk Evaluation for Perchloroethylene (PCE). These documents do not contain any information protected under statute as Confidential Business Information (CBI). In addition, these materials do not include information protected by copyright. The attached documents have also completed QA/QC review within OPPT and are listed below in the attached Table 1. The referenced letters in front of each document name refer to Appendix B of the Risk Evaluation, where they are all listed.

Table 1: Transmission of Background Materials and Charge to the Panel for the May 26-29, 2020 Session of the Toxic Substances Control Act's Scientific Advisory Committee on Chemicals (TSCA SACC) Reviewing Draft Risk Evaluation for Perchloroethylene (PCE)

File Name [Full Document Title]	Author(s)	Date	Indicate Whether © Protected, CBI, or NA=release to public	QA/QC Completed (Mark with an X)
1_Draft Risk Evaluation for Perchloroethylene	U.S. EPA/OPPT	April, 2020	NA	X
2_Draft Charge to the Panel for Perchloroethylene	U.S. EPA/OPPT	April, 2020	NA	X
3_PCE Data Extraction Tables for Environmental Fate and Transport Studies [Draft Risk Evaluation for Perchloroethylene, Systematic Review Supplemental File: Data Extraction Tables of Environmental Fate and Transport Studies]	U.S. EPA/OPPT	April, 2020	NA	X
4_PCE Data Quality Evaluation of Environmental Fate and Transport Studies [Draft Risk Evaluation for Perchloroethylene, Systematic Review Supplemental File: Data Quality Evaluation of Environmental Fate and Transport Studies]	U.S. EPA/OPPT	April, 2020	NA	X
5_PCE Data Quality Evaluation of Physical Chemical Property Studies [Draft Risk Evaluation for Perchloroethylene, Systematic Review Supplemental File: Data Quality Evaluation of Physical Chemical Properties Studies]	U.S. EPA/OPPT	April, 2020	NA	X
6_PCE Data Quality Evaluation of Environmental Releases and Occupational Exposure Common Sources [Draft Risk Evaluation for Perchloroethylene, Systematic Review Supplemental File: Data Quality Evaluation of Environmental Releases and Occupational Exposure Data Common Sources]	U.S. EPA/OPPT	April, 2020	NA	X
7_PCE Data Quality Evaluation of Environmental Releases and Occupational Exposure [Draft Risk Evaluation for Perchloroethylene, Systematic Review Supplemental File: Data Quality Evaluation of Environmental Releases and Occupational Exposure]	U.S. EPA/OPPT	April, 2020	NA	X
8_PCE Data Quality Evaluation for Consumer and Environmental Exposure [Draft Risk Evaluation for Perchloroethylene, Systematic Review Supplemental File: Data Quality Evaluation for Data Sources on Consumer and Environmental Exposure]	U.S. EPA/OPPT	April, 2020	NA	X
9_PCE Data Extraction of Consumer and Environmental Exposure [Draft Risk Evaluation for Perchloroethylene, Systematic Review Supplemental File: Consumer and General Population Exposure Monitoring Data Extraction Tables]	U.S. EPA/OPPT	April, 2020	NA	X
10_PCE Data Quality Evaluation of Ecological Hazard Studies [Draft Risk Evaluation for Perchloroethylene, Systematic Review Supplemental File: Data Quality Evaluation of Ecological Hazard	U.S. EPA/OPPT	April, 2020	NA	X

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Studies]				
11_PCE Data Extraction Tables for Environmental Hazard Studies [Draft Risk Evaluation for Perchloroethylene Systematic Review Supplemental File: Data Extraction Tables for Environmental Hazard Studies]	U.S. EPA/OPPT	April, 2020	NA	X
12_PCE Updates to the Data Quality Criteria for Epidemiological Studies [Draft Risk Evaluation for Perchloroethylene, Systematic Review Supplemental File: Updates to the Data Quality Criteria for Epidemiological Studies]	U.S. EPA/OPPT	April, 2020	NA	X
13_PCE Data Quality Evaluation of Human Health Hazard Studies - Epidemiological Studies [Draft Risk Evaluation for Perchloroethylene, Systematic Review Supplemental File: Data Quality Evaluation of Human Health Hazard Studies - Epidemiologic Studies]	U.S. EPA/OPPT	April, 2020	NA	X
14_PCE Data Extraction for Human Health Hazard Studies [Draft Risk Evaluation for Perchloroethylene, Systematic Review Supplemental File: Data Extraction for Human Health Hazard Studies]	U.S. EPA/OPPT	April, 2020	NA	X
15_PCE Data Quality Evaluation of Human Health Hazard Studies – Animal Studies [Draft Risk Evaluation for Perchloroethylene, Systematic Review Supplemental File: Data Quality Evaluation of Human Health Hazard Studies – Animal Studies]	U.S. EPA/OPPT	April, 2020	NA	X
16_PCE Assessment of Occupational Exposure and Environmental Releases for Perchloroethylene [Assessment of Occupational Exposure and Environmental Releases for Perchloroethylene]	U.S. EPA/OPPT	April, 2020	NA	X
17_PCE Occupational Risk Calculations [Draft Risk Evaluation for Perchloroethylene Supplemental File: Occupational Exposure Risk Calculator]	U.S. EPA/OPPT	April, 2020	NA	X
18_PCE Consumer Inhalation Risk Calculations [Draft Risk Evaluation for Perchloroethylene Supplemental File: Consumer Inhalation Risk Calculations]	U.S. EPA/OPPT	April, 2020	NA	X
19_PCE Consumer Dermal Risk Calculations [Draft Risk Evaluation for Perchloroethylene Supplemental File: Consumer Dermal Risk Calculator]	U.S. EPA/OPPT	April, 2020	NA	X
20_PCE Supplemental Information on Consumer Exposure [Risk Evaluation for Perchloroethylene Supplemental File: Perchloroethylene Exposures from Consumer Products and	U.S. EPA/OPPT	April, 2020	NA	X

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Articles]				
21_PCE Supplemental Information on E-Fast Surface Water Modeling Outputs [Draft Risk Evaluation for Perchloroethylene Supplemental File: E-FAST Surface Water Modeling Outputs]	U.S. EPA/OPPT	April, 2020	NA	X