



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

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

MEMORANDUM

DATE: June 27, 2019

SUBJECT: Transmission of Background Materials and Charge to the Panel for the Peer Review Meeting of the Toxic Substances Control Act's Scientific Advisory Committee on Chemicals (TSCA SACC) Reviewing the Draft Risk Evaluation for Cyclic Aliphatic Bromide Cluster (HBCD)

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

FROM: Mary C. Fehrenbacher, Acting Director  
Risk Assessment Division  
Office of Pollution Prevention and Toxics

A handwritten signature in blue ink, reading "Mary C. Fehrenbacher", is positioned to the right of the "FROM:" line.

Transmitted with this memo are copies of the EPA Draft Risk Evaluation for Cyclic Aliphatic Bromide Cluster (HBCD), all supporting materials which can be made publicly available, and the charge to the Panel for the July 29 – August 2, 2019 session of the TSCA SACC reviewing the Draft Risk Evaluation for Cyclic Aliphatic Bromide Cluster (HBCD).

There are a total of 20 files being transmitted for the docket. These are listed below:

1. Draft Risk Evaluation for Cyclic Aliphatic Bromide Cluster (HBCD)
2. Draft Charge to the Panel for Cyclic Aliphatic Bromide Cluster (HBCD)

Supplemental Documents:

3. Draft Risk Evaluation for Cyclic Aliphatic Bromide Cluster (HBCD), Supplemental Information on General Population, Environmental, and Consumer Exposure Assessment
4. Draft Risk Evaluation for Cyclic Aliphatic Bromide Cluster (HBCD), Supplemental Information on Human Health Hazard.
5. Draft Risk Evaluation for Cyclic Aliphatic Bromide Cluster (HBCD), Supplemental File: Occupational Exposure and Environmental Releases Calculations.
6. Draft Risk Evaluation for Cyclic Aliphatic Bromide Cluster (HBCD), Supplemental File: Occupational Risk Calculator.
7. Draft Risk Evaluation for Cyclic Aliphatic Bromide Cluster (HBCD), Systematic Review Supplemental File: Updates to the Data Quality Criteria for Epidemiological Studies.

8. Draft Risk Evaluation for Cyclic Aliphatic Bromide Cluster (HBCD), Systematic Review Supplemental File: Data Quality Evaluation of Environmental Fate and Transport Studies.
9. Draft Risk Evaluation for Cyclic Aliphatic Bromides Cluster (HBCD), Systematic Review Supplemental File: Data Quality Evaluation for Occupational Exposure and Release Data for Other Sources.
10. Draft Risk Evaluation for Cyclic Aliphatic Bromides Cluster (HBCD), Systematic Review Supplemental File: Data Quality Evaluation for Occupational Exposure and Release Data for Common Sources.
11. Draft Risk Evaluation for Cyclic Aliphatic Bromides Cluster (HBCD), Systematic Review Supplemental File: Data Quality Evaluation of Consumer General Population and Environmental Exposure Studies.
12. Draft Risk Evaluation for Cyclic Aliphatic Bromide Cluster (HBCD), Systematic Review Supplemental File: Data Quality Evaluation of Ecological Hazard Studies.
13. Draft Risk Evaluation for Cyclic Aliphatic Bromide Cluster (HBCD), Systematic Review Supplemental File: Data Quality Evaluation of Human Health Hazard Studies.
14. Draft Risk Evaluation for Cyclic Aliphatic Bromide Cluster (HBCD), Systematic Review Supplemental File: Data Extraction Tables of Environmental Fate and Transport Studies.
15. Draft Risk Evaluation for Cyclic Aliphatic Bromides Cluster (HBCD), Systematic Review Supplemental File: Data Extraction of Consumer General Population and Environmental Exposure Studies
16. Draft Risk Evaluation for Cyclic Aliphatic Bromide Cluster (HBCD), Systematic Review Supplemental File: Data Extraction Tables for Human Health Hazard Studies.
17. Draft Risk Evaluation for Cyclic Aliphatic Bromide Cluster (HBCD), Systematic Review Supplemental File: Data Extraction Tables of Environmental Hazard Studies.

Additional files for docket:

18. WIL Research. (2001). 90-Day oral (gavage) toxicity study of HBCD in rats. Full study with submission letter from ACC.
19. Ema, 2008 – Full study
20. Ema, 2008- Supplemental data (individual animal data) submitted to EPA attached

These documents do not contain any information protected under statute as Confidential Business Information (CBI) or copyrighted material.