



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

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

**EPA Office of Pesticide Programs (OPP)**  
**EPA Office of Air and Radiation (OAR)**  
**EPA Office of Research and Development (ORD)**  
**Ethylene Oxide Task Force (EOTF) Presentation on Cancer Risk Assessment**

June 16, 2020 and June 18, 2020

3:00 pm - 4:00 pm EST

Via WebEx

**Attendees:**

*External Stakeholders:*

Exponent: James Bus, Ph.D.; Abby A. Li, Ph.D.; Richard Reiss, Sc.D.; M. Jane Teta, Dr.P.H., M.P.H.

Consultant: Bhaskar Gollapudi, M.Sc., Ph.D.

Balchem Corporation: David F. Ludwig; Chris Klosen; Joanne K. Cashin

Sterigenics: Kathleen Hoffman

Bergeson & Campbell: Lisa M. Campbell

The Acta Group: Jason E. Johnston, The Acta Group

B&C Consortia Management: T. Jake Vandervort

*EPA: (some not in attendance both days)*

OPP Immediate Office: Anna Lowit

OPP Antimicrobials Division: Jessica Bailey, Melissa Panger, Tim Leighton, Judy Facey, Rose Kyprianou, Rick Fehir, Jose Gayoso

OPP Health Effects Division: Greg Akerman, William Donovan, John Liccione, Kelly Lowe, Mike Metzger, Kristin Rickard, James Nguyen, David Miller

OPP Pesticide Reevaluation Division: Elissa Reaves, Sue Bartow, Linda Arrington, Julie Javier

OAR Office of Air Quality Planning and Standards: Mike Koerber, Kelly Rimer, Kate Saili, Darcie Smith, Amy Vasu

ORD Center for Public Health and Env. Assessment: Paul White

**Meeting Discussion:**

The agenda topics discussed at the June 16, 2020 and June 18, 2020 meetings are presented below.

- This presentation given by the industry group, the Ethylene Oxide Task Force, provided the different offices of EPA with information on Exponent's work on the White Paper submitted to OPP in March 2020 entitled, "Cancer Risk Estimates for Ethylene Oxide Based on Epidemiological and Biological Weight of Evidence." The presentation slides are not included in the public docket because they contain proprietary information from Exponent.
- Question and answer sessions were provided on each day of the two-part presentation.

Ethylene oxide (EtO) is subject to two types of EPA regulations— regulations governing pesticide product registration and reevaluation, under the purview of OPP; and regulations governing industrial emissions to the outdoor air, under the purview of OAR. OAR regulates emissions of EtO to the outside air pursuant

to its authority under the Clean Air Act. OAR has set EtO emission standards for commercial and hospital sterilizers, as well as a variety of chemical source categories. As part of the Registration Review program, OPP is planning on releasing the EtO Draft Risk Assessment (DRA) for public comment later in 2020.