

Format Overview and Explanation

The following documents provide draft results of the 2013, 2014 and 2015 Consumer & Commercial Products Surveys for public stakeholder review. These documents have been formatted to protect individual company's confidentiality, yet are detailed enough to provide comprehensive summary information regarding consumer product sales, chemical speciation, emissions, and reactivity. **Please see the 'Read Me' portion of each of the documents identified below for additional information regarding how these draft data were generated and are displayed.**

Draft Data Summary – All Categories (2013, 2014, and 2015)

This file provides draft summary product information and emissions data by survey product category code. Product Information columns summarize the number of responding companies, number of products, product sales volume, and product speciation. This information reflects product content as sold, and does not include chemical fate and transport adjustments. Product category speciation, such as sales-weighted average volatile organic compound (VOC) content, does not reflect applicable dilution requirements included in specific product use instructions.

Emissions Data columns summarize VOC, reactive organic gas (ROG), and total organic gas (TOG) emissions, as well as product-weighted maximum incremental reactivity (PWMIR), and ozone forming potential by survey product category code. Emissions data reflect applicable chemical fate and transport adjustments as detailed in the accompanying Draft Fate and Transport Adjustments document.

Data for survey categories in which three or fewer products or reporting companies were withheld to protect confidentiality. In addition, for aerosol adhesive and aerosol coating categories, emission-related data are not provided for 2013 since reporting of product formulation was not required, and both sales and emission-related data are not provided for 2014 and 2015, since reporting of both product sales and formulations was not required.

Draft TOG Speciation Summary Report (2013, 2014 and 2015)

This file includes detailed TOG speciation for consumer products as a whole, as well as for each of the broader consumer product survey category market sectors (with the exception of the aerosol coating product market sector, for which reporting of product chemical formulations were not required). This report identifies and quantifies the chemical ingredients responsible for approximately 95 weight percent of the TOG of each consumer product category group, and provides other summary information.

Draft TOG Ingredients per Category Code (2015)

This file enables users to look up TOG ingredients that comprise at least 0.1 percent by weight of the total TOG emissions for each survey category code. CARB has taken several steps to help ensure ingredients cannot be associated with any specific product or responsible party. First, CARB is not updating the Preliminary Draft TOG Ingredients

per Category Code for 2013 and 2014, released on June 4, 2018, as part of this data release to ensure that any differences between the previous and current data releases do not yield company-specific information. In addition, category codes with three or fewer reported companies are excluded from the Draft 2015 TOG Ingredients per Category Code, as are ingredients that are in three or fewer products within that category code.

Draft Number of Products per Responsible Party by Survey Category (2015)

This file includes the list of all responsible parties that responded to the 2015 survey and enables users to look up the number of products reported by each responsible party for each survey category code. To protect confidentiality, CARB is not updating this information for 2013 and 2014 as part of this data release to ensure that any differences between the June 2018 and the current data release do not yield company-specific information. For 2015, CARB has also excluded category codes that include products from three or fewer responsible parties to protect confidentiality.

Finally, the following two files provide supporting technical information applicable to all three years of survey data:

- Draft Chemical List and Assignments indicates whether each TOG ingredient for the purposes of these surveys is a VOC, a low vapor pressure-VOC (LVP-VOC), or exempt VOC.
- Draft Fate and Transport Adjustments identifies the adjustments made to the applicable product category emissions to reflect the likelihood of product content being emitted “down-a-drain” in the aqueous phase or combusted.

For additional information regarding the above documents, please review each document’s “Read Me” section, or contact Mr. Josh Berghouse at (916) 324-8174 or josh.berghouse@arb.ca.gov, or Mr. Joe Calavita at (916) 445-4586 or joe.calavita@arb.ca.gov.