2013 Consumer & Commercial Products Survey

Public Workshop
May 21, 2014

Workshop Agenda

- Background
- 2013 Survey Overview
- Proposed Data Requirements
- Survey Database Overview
- Proposed Next Steps
Background

- **Consumer Products**
  - Chemically formulated
  - Used by household and institutional consumers
  - Include household, home and garden, personal care, aerosol paint, automotive maintenance products, etc.
  - Used by industrial consumers if
    - Designed for use in the maintenance or operation (cleaning, etc.)
    - Not used exclusively for manufacture or construction of goods or commodities
State Implementation Plan (SIP)

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  - U.S. EPA set an 8-hour ozone standard of 0.075 ppm in 2008
  - Expect to submit new SIP for the 8-hour ozone standard in 2016
- Volatile Organic Compound (VOC) reductions are needed to attain ozone air quality standards
  - Includes Consumer Products

Surveys of the Industry

- Used to:
  - Guide regulatory development
  - Define categories
  - Build emissions inventory
- By Collecting:
  - Sales
  - Product ingredients
  - Economic information
Surveys of the Industry (Cont.)

- Past Consumer & Commercial Products Surveys:
  - 1994/1995
  - 1997
  - 2001
  - 2003
  - 2006

- Survey Updates or Technical Assessments:
  - For specific product categories
  - Latest: 2010 Survey Update for Aerosol Coating and Aerosol Adhesive Products

- Comprehensive survey has not been completed for 10 years

2013 Consumer & Commercial Products Survey (2013 Survey) Overview
2013 Survey Purpose and Goals

- Gather current information on volatile organic compound (VOC) and low vapor pressure-VOC (LVP-VOC) emissions from consumer and commercial products
- Update consumer products emissions inventory
- Evaluate the feasibility of further reducing VOC emissions
- Evaluate the use of LVP-VOCs in consumer products

Regulatory Authority

- The completion of the survey is mandatory
  - Antiperspirants and Deodorants Regulation (title 17, California Code of Regulations (CCR), section 94504(b))
  - Consumer Products Regulation (title 17, CCR, section 94513)
  - Aerosol Coating Products Regulation (title 17, CCR, section 94524(c))
Proposed Data Requirements

- Reporting sales and formulation data for three consecutive years
  - 2013 sales and detailed formulation of all products
  - 2014 and 2015 sales data; formulation only if product formula changed
  - Aerosol Coating Products
    - 2013 and 2014 sales data only
    - 2015 sales and detailed formulations data

Proposed Data Requirements (Cont.)

- Reporting ALL products per their stock keeping unit (SKU)
- Product formulation to be reported once if:
  - Products within the same category differ only by size
  - Ingredients variation is less than 0.1 percent by weight
- One representative label to be submitted for products that differ by size only
- A unique product formulation should be reported for each difference in color, botanical/herbal extract, or fragrance
Proposed Data Requirements (Cont.)

- Reporting of each ingredient present in an amount nearest to 0.1 percent by weight
  - Most current formula to be reported if multiple formulas used during the calendar year 2013
  - Ingredients from the most representative vendor if different vendors used
- Products containing low or no VOCs must be also reported

Proposed 2013 Survey Categories (per Product Sector)

- 10000 ADHESIVES, SEALANTS, AND RELATED PRODUCTS
- 20000 HOUSEHOLD AND INSTITUTIONAL PRODUCTS
- 30000 PERSONAL CARE PRODUCTS
- 40000 PESTICIDE PRODUCTS
- 60000 SOLVENT AND THINNING-RELATED
- 70000 VEHICLE AND MARINE VESSEL AFTERMARKET PRODUCTS
- 80000 AEROSOL COATING PRODUCTS
Overview

- Two approaches
  - Enter all information interactively
    - Microsoft Access Data Entry
    - Based on previous survey forms
    - Data check for completeness
  - Import product and formulation data from an external data source
    - Excel files
Tool Structure

- Responsible Party Information
  - To be submitted once for each responsible party
- Product Information to be reported by Responsible Party
- Ingredient Information
  - By Responsible Party if has all ingredient information
  - By Formulator if Responsible Party does not have this information
    - Responsible party to provide the Product Name and the Product ID
    - Formulator to provide Ingredient Information.

2013 Survey Data Entry

![Survey Data Entry Screenshot]

Note: You may need to adjust your computer's resolution to best view and use this database. For additional information please visit:
Enter/Import Menu

Reporting Tool Discussion Items

- Confidential data
  - Data upload security
  - Staff evaluation
- Labels
  - What is a representative label?
  - Submission method
- Post-2013 data reporting
  - Data submittal
  - Tracking products
## Contacts

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## Contacts per Product Sector

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Proposed Next Steps

- Comments on Survey
  - Send to csmrprod@arb.ca.gov
- Public Webinar ~July 1, 2014
- Survey Release ~August 1, 2014
- Surveys due to ARB Late 2014