

# Chemical Data Reporting

## FACT SHEET: 2016 CHEMICAL DATA REPORTING (CDR) DATA AND PBT CHEMICALS UNDER TSCA SECTION 6(h)

This fact sheet provides an overview of the chemical use information collected during the 2016 CDR submission period for the five Persistent, Bioaccumulative and Toxic (PBT) chemicals identified for expedited regulatory action under the Toxic Substances Control Act (TSCA), as amended by the Frank R. Lautenberg Chemical Safety for the 21<sup>st</sup> Century Act. This overview covers publicly available information from the 2016 CDR data release in June 2017. CDR collects information on manufacturing (including importing), processing, and use of chemicals in commerce in the United States. When using CDR data, users should recognize that the complete CDR data set has not been made publicly available as some of the data has been claimed as Confidential Business Information (CBI), and should draw conclusions from the available data with care.

### What are the Five PBTs Identified for Expedited Action?

As a first step in the TSCA section 6(h) process, five PBT chemicals were identified for expedited regulatory action by EPA according to statutory criteria. [EPA announced the five PBT chemicals](#) subject to expedited action on October 11, 2016. The five chemicals are:

- Decabromodiphenyl ether (DecaBDE);
- Hexachlorobutadiene (HCBd);
- Pentachlorothiophenol (PCTP);
- Phenol, isopropylated, phosphate (3:1); and
- 2,4,6-Tris(tert-butyl)phenol.

Due to reporting thresholds, only three of the five PBTs identified were reported to CDR: DecaBDE, Phenol, isopropylated, phosphate (3:1), and 2,4,6-Tris(tert-butyl)phenol. CDR data on these three chemicals aids EPA in identifying exposures, conditions of use, and the potentially exposed or susceptible subpopulation(s) the Agency plans to consider for risk management.

### CDR Data for the Five PBTs Identified for Expedited Action

CDR data aids EPA in identifying exposures, conditions of use, and the potentially exposed or susceptible subpopulation(s) the Agency plans to consider for risk management. The following three tables provide manufacturing and use information collected during the 2016 CDR reporting cycle for the three PBTs that met the CDR reporting thresholds.

### 2016 CDR Manufacturing Information for the PBT Chemicals Identified Under TSCA Section 6(h)

Chemical Name	# Sites	Activity	2015 PV* (lb)	2014 PV (lb)	2013 PV (lb)	2012 PV (lb)
DecaBDE	4	Withheld	<25,000	100,000 – 500,000	1,000,000 – 10,000,000	10,000,000 – 50,000,000
Phenol, isopropylated, phosphate (3:1)	9	Domestically Manufactured/Imported	1,000,000 – 10,000,000	1,000,000 – 10,000,000	1,000,000 – 10,000,000	1,000,000 – 10,000,000
2,4,6-Tris(tert-butyl)phenol	2	Domestically Manufactured	Withheld	Withheld	Withheld	Withheld

\*Production Volume (PV) in pounds (lb)

Note: These data, published in June 2017, are considered preliminary and are subject to revision.

### 2016 CDR Consumer/Commercial Use Information for the PBT Chemicals Identified Under TSCA Section 6(h)

Chemical Name	Consumer or Commercial Use?	Product Category
DecaBDE	Commercial	<ul style="list-style-type: none"> <li>Fabric, textile, and leather products not covered elsewhere</li> <li>Plastic and rubber products not covered elsewhere</li> </ul>
Phenol, isopropylated, phosphate (3:1)	Consumer/Commercial	<ul style="list-style-type: none"> <li>Automotive care products</li> <li>Foam seating and bedding products</li> <li>Lubricants and greases</li> <li>Paints and coatings</li> <li>Photographic supplies, film, and photo chemicals</li> <li>Plastic rubber products not covered elsewhere</li> </ul>
2,4,6-Tris(tert-butyl)phenol	N/A	N/A

Note: These data, published in June 2017, are considered preliminary and are subject to revision.

### 2016 CDR Industrial Use Information for the PBT Chemicals Identified Under TSCA Section 6(h)

Chemical Name	Industrial Use Type	Industrial Use Sector	Industrial Function Category
DecaBDE	<ul style="list-style-type: none"> <li>Processing – incorporation into formulation, mixture, or reaction product</li> </ul>	<ul style="list-style-type: none"> <li>Textiles, apparel, and leather manufacturing</li> <li>Plastic product manufacturing</li> </ul>	<ul style="list-style-type: none"> <li>Flame retardants</li> </ul>
Phenol, isopropylated, phosphate (3:1)	<ul style="list-style-type: none"> <li>Processing – incorporation into article</li> <li>Processing – incorporation into formulation, mixture, or reaction product</li> <li>Use – Non-incorporative activities</li> </ul>	<ul style="list-style-type: none"> <li>Paint and coating manufacturing</li> <li>Plastics product manufacturing</li> <li>Photographic film paper, plate, and chemical manufacturing</li> <li>Petroleum lubricating oil and grease manufacturing</li> <li>Plastic material and resin manufacturing</li> <li>Wholesale and retail trade</li> <li>Adhesives manufacturing</li> <li>Do It Yourself consumer automotive application</li> <li>Transportation equipment manufacturing</li> <li>Synthetic rubber manufacturing</li> </ul>	<ul style="list-style-type: none"> <li>Flame retardants</li> <li>Lubricants and lubricant additives</li> <li>Solvents (which become part of a product formulation or mixture)</li> <li>Plasticizers</li> </ul>
2,4,6-Tris(tert-butyl)phenol	<ul style="list-style-type: none"> <li>Processing as a reactant</li> </ul>	<ul style="list-style-type: none"> <li>All other basic organic chemical manufacturing</li> </ul>	<ul style="list-style-type: none"> <li>Intermediates</li> </ul>

Note: These data, published in June 2017, are considered preliminary and are subject to revision.

## Helpful Terms

The following definitions help explain some of the terms found in the tables above.

- **Domestically Manufactured:** The chemical is manufactured or produced in the United States for commercial purposes. Manufacture also applies to substances produced coincidentally during the manufacturing, processing, use, or disposal of another substance or mixture, including both byproducts that are separated from that other substance or mixture and impurities that remain in that substance or mixture.
- **Imported:** The chemical is imported into the United States for commercial purposes. This includes any amount of an imported chemical substance or mixture, including impurities.
- **Consumer Use:** When a chemical or a mixture containing a chemical (including as part of a manufactured item, or article, such as furniture or clothing) is sold to or made available to consumers for their use.
- **Commercial Use:** The use of a chemical or a mixture containing a chemical (including as part of an article) in a commercial enterprise, such as dry cleaning.
- **Industrial Use:** The use of a chemical at a site at which one or more chemicals or mixtures are manufactured (including imported) or processed.
- **Withheld:** Data fields labeled as 'withheld' are either masked to protect CBI claims, or currently undergoing a [CBI substantiation process](#).

For further definitions of terms, please visit the [2016 CDR reporting guide](#).

## For Additional Information:

- [Chemical Data Reporting Fact Sheet: Basic Information](https://www.epa.gov/chemical-data-reporting/chemical-data-reporting-fact-sheet-basic-information) (https://www.epa.gov/chemical-data-reporting/chemical-data-reporting-fact-sheet-basic-information)
- [Access the 2016 CDR data in ChemView](https://www.epa.gov/assessing-and-managing-chemicals-under-tsca/introduction-chemview) (https://www.epa.gov/assessing-and-managing-chemicals-under-tsca/introduction-chemview)
- [Using CDR to evaluate chemicals under the Frank R. Lautenberg Chemical Safety for the 21st Century Act](https://www.epa.gov/assessing-and-managing-chemicals-under-tsca/evaluating-risk-existing-chemicals-under-tsca) (https://www.epa.gov/assessing-and-managing-chemicals-under-tsca/evaluating-risk-existing-chemicals-under-tsca)
- [Persistent, Bioaccumulative, and Toxic \(PBT\) Chemicals under TSCA Section 6\(h\)](https://www.epa.gov/assessing-and-managing-chemicals-under-tsca/persistent-bioaccumulative-and-toxic-pbt-chemicals-under) (https://www.epa.gov/assessing-and-managing-chemicals-under-tsca/persistent-bioaccumulative-and-toxic-pbt-chemicals-under)