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The **Toxic Substances Control Act (TSCA)** is a United States law, passed by the United States Congress in 1976 and administered by the United States Environmental Protection Agency (EPA). The TSCA regulates the introduction of new or existing chemicals on the market in the USA and prohibits the manufacture or importation of chemicals that are not in the TSCA inventory or are subject to one of many exemptions.

The three main objectives of the TSCA are:

- Assess and regulate new commercial chemicals before entering the US market.
- Regulate existing chemicals (since 1976) that posed an "unreasonable risk to health or to the environment", as for example PCB's, lead, mercury and radon.
- Regulate the distribution and use of these chemicals.

The TSCA inventory of existing substances, provided under Section 8 of the Act, currently contains around 85,000 chemicals.

Three substance groups of the TSCA have been implemented in CDX to support user's assessment of their exposure to key parts:

TSCA Section 5(a) – “Significant new use rules” (SNUR)

Section 5(a) of the TSCA enables the EPA to issue a **significant new use rule (SNUR)** for a substance on the inventory where it deems there is a risk of its use resulting in exposures to, or release of, a substance of concern. Currently around 1,230 substances on the TSCA non confidential inventory are subject to SNUR procedures. A manufacturer or importer of a substance subject to a SNUR must submit a significant new use notice (SNUN) to EPA at least 90 days before they manufacture (including import), or process the chemical substance for that use. This allows the EPA to prevent any new uses of chemicals that pose an unacceptable risk to human health or the environment. SNURs can also be applied to substances that have been phased out of use or taken off the market to prevent them from being manufactured or imported in the future.

SNURs are effective 60 days after publication in the Federal Register

Download the non-confidential TSCA Inventory: <https://www.epa.gov/tsca-inventory/how-access-tsca-inventory#download>

TSCA Section 6 – Risk Management Rules

Section 6 of the TSCA provides the EPA with the authority to prohibit or limit the manufacture, processing, distribution in commerce, use, or disposal of a chemical if EPA evaluates the risk and concludes that the chemical presents an unreasonable risk to human health or the environment. Substances found under Section 6 include asbestos, hexavalent chromium, elemental mercury, polychlorinated biphenyls (PCBs) and certain metal working fluids.

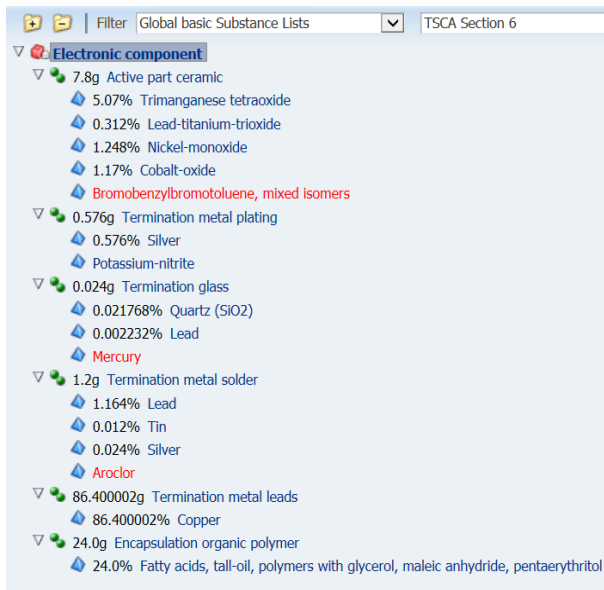
More information on Regulation of Chemicals under Section 6 of TSCA: <https://www.epa.gov/tsca-import-export-requirements/tsca-section-6-importexport-requirements-specific-chemicals>

TSCA Section 12(b) PCB – Export Controls in PCBs

Section 12(b) of the TSCA requires any person who exports or intends to export a chemical substance or mixture that is subject to certain TSCA regulations to notify the EPA. The EPA in turn provides information about the chemical to the importing government. This requirement does not extend to parts with the exception of Polychlorinated Biphenyls (PCBs).

Please check the EPA website for details on how to fulfil notification obligations: <https://www.epa.gov/tsca-import-export-requirements/tsca-requirements-exporting-chemicals>

Implementation of the US Toxic Substances Control Act in the CDX:



CDX now supports you with the aid of **three new filter functions for the substance groups of the TSCA**, so that you can obtain detailed substance information from your suppliers when the product is manufactured or imported in the USA.

With the aid of the **filter functions**, you can find out quickly and simply whether the substances are

- on the non-confidential TSCA registry identified in a final SNUR – Section 5(a)
- **subject** to Section 6 rules
- part of the export notification requirements under Section 12(b)

The affected substances in your products are marked with a color on the bill of materials (BOM).

Workflow management: Using the Inbox & Outbox in CDX, you can forward Material Data Sheets (MDSs) to your customers and suppliers quickly and transparently. You can initiate external MDS enquiries with the e-mail process. CDX supports integration into your **ERP/PLM system** using **Web Services**.

For further information please contact the CDX team: cdx-info@dxc.com.