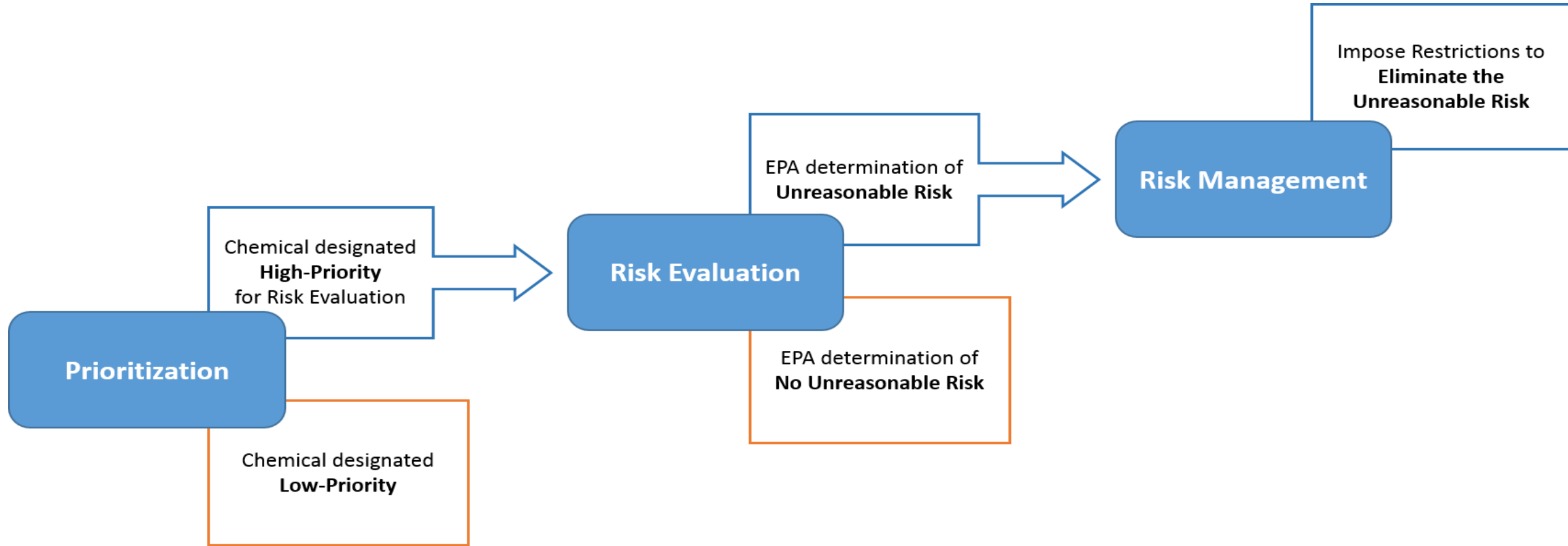


How EPA Evaluates the Safety of Existing Chemicals



<https://www.epa.gov/assessing-and-managing-chemicals-under-tsca/how-epa-evaluates-safety-existing-chemicals>

Risk Evaluations: 20 High-Priority Substances

Final scope documents were published in August 2020

Final risk evaluations are expected late 2022/early 2023

1,1-Dichloroethane

1,2-Dichloroethane

1,2-Dichloropropane

1,3,4,6,7,8-Hexahydro-
4,6,6,7,8,8-

Hexamethylcyclopenta[g]-2-
Benzopyran (HHCB)

1,3-Butadiene

Ethylene Dibromide

o-Dichlorobenzene (o-DCB)

p-Dichlorobenzene (p-DCB)

1,1,2-Trichloroethane **

4,4'-(1-Methylethylidene)bis[2,6-
dibromophenol] (TBBPA) **

Butyl Benzyl Phthalate (BBP) **

Dibutyl Phthalate (DBP) **

Dicyclohexyl Phthalate (DCHP) **

Di-ethylhexyl Phthalate (DEHP) **

Di-isobutyl Phthalate (DIBP) **

Formaldehyde **

Phthalic Anhydride **

trans-1,2-Dichloroethylene

Triphenyl Phosphate (TPP) **

Tris(2-chloroethyl) Phosphate
(TCEP) **

** scope document for risk evaluation includes electronics-related conditions of use

Risk Evaluations: Manufacturer- requested Substances

Risk evaluation and risk management timelines are not necessarily aligned with the 20 HP Substances

Final risk evaluations expected for the four (current) MRRE at the earliest 2023

Diisodecyl Phthalate (DIDP) **

Diisononyl Phthalate (DINP) **

Octamethylcyclotetra-siloxane (D4) **

Octahydro-tetramethyl-naphthalenyl-ethanone Chemical Category (OTNE) – *scope document not complete*

** scope document for risk evaluation includes electronics-related conditions of use

Get engaged! Industry representatives are subject matter experts.

- > Hazard assessment
 - EPA will identify the adverse health or environmental effects caused by exposure to the chemical.

- > Exposure assessment
 - EPA will identify, where relevant, the likely duration, intensity, frequency, and number of exposures to a chemical under the conditions of use. This assessment will also include the nature and types of individuals or populations that are exposed to the chemical.

- > Each risk evaluation is assigned an EPA Agency Contact
 - Coordinate data and information exchange to ensure the assessments have expert input from those most familiar with the chemicals used in the processes, the manufacturing processes, and the products