

TSCA Work Plan Chemicals Having a Preference for Designation as High-Priority Chemicals under Section 6(b)(2)(D)

In designating high-priority chemicals, EPA must give a preference to those TSCA Work Plan chemicals having a Persistence and Bioaccumulation score of 3 and to those that are known human carcinogens and have high acute and chronic toxicity.

Chemical name	Persistence & Bioaccumulation Score of 3	Known human carcinogen + high acute and chronic toxicity
Antimony & Antimony Compounds	Yes	No
Arsenic & Arsenic Compounds	No	Yes (acute and chronic toxicity from inhalation exposures)
Asbestos & Asbestos-like Fibers	No	Yes (acute and chronic toxicity from inhalation exposures)
Butanamide, 2,2'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)bis[N-(4-chloro-2, 5- dimethoxyphenyl)-3-oxo- (Pigment Yellow 83), CAS No. 5565,15-7	Yes	No
Cadmium & Cadmium Compounds	Yes	Yes (acute and chronic toxicity from inhalation exposures)
Chromium & Chromium Compounds	Yes	Yes (acute and chronic toxicity from inhalation exposures)
Cobalt & Cobalt Compounds	Yes	No
Decabromodiphenyl ethers (DecaBDE), CAS No. 1163-19-5	Yes	No
Ethanone, 1-(1,2,3,4,5,6,7,8-octahydro-2,3,5,5-tetramethyl-2-naphthalenyl)-, CAS No. 54464-59-4	Yes	No
Ethanone, 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)-, CAS No. 54464-57-2	Yes	No
Hexabromocyclododecane (HBCD), CAS No. 3194-55-6	Yes	No
Hexachlorobutadiene, CAS No. 87-68-3	Yes	No
Lead & Lead Compounds	Yes	No
Long-Chain Chlorinated Paraffins (C ₁₈₋₂₀)	Yes	No
Medium-Chain Chlorinated Paraffins (C ₁₄₋₁₇)	Yes	No
Molybdenum and Molybdenum Compounds	Yes	No
Nickel & Nickel Compounds	No	Yes (acute and chronic toxicity from inhalation exposures)
Octamethylcyclotetrasiloxane (D4), CAS No. 556-67-2	Yes	No
Pentachlorothio-phenol, CAS No. 133-	Yes	No

Attachment 1

Chemical name	Persistence & Bioaccumulation Score of 3	Known human carcinogen + high acute and chronic toxicity
49-3		
Phenol, isopropylated, phosphate (3:1) (IPTPP), CAS No. 68937-41-7	Yes	No
2,4,6-Tris (-tert-butyl) phenol, CAS No. 732-26-3	Yes	No

[Information is derived from EPA's 2014 update to its list of TSCA Work Plan chemicals.](#)