

25-27 Biennium Budget

- **\$1.1 million** to conduct monitoring and analyze water and sediment for 6PPD (MTCA)
- **\$2.9 million** to find safer alternatives to 6PPD in consumer products (\$1.1 million – MTCA – *impacted by reductions*)
- **\$4.4 million** to identify effective best management practices to treat 6PPD in stormwater (\$2.9 research)

\$8.4 million

Safer Products for Washington

- 6PPD
 - Tires
 - Artificial turf
- Priority products report: May 2025
- Regulatory recommendations: **June 2027**
- If a safer, feasible, and available alternative is identified, rulemaking to restrict 6PPD
- If not, reporting requirement



Photo credit: [Rubberecycle Mulch](#)
Changes made: cropped to square

Alternatives – preliminary results

- **CCPD** and **77PD**: currently assessing toxicity tests, do not meet aquatic toxicity criteria
- **7PPD**:
 - Does not pass reproductive toxicity testing
 - Poor rubber performance
- **IPPD** and **durazone-37**
 - Have not failed toxicity testing yet
 - Good rubber performance

Alternatives Research

- Rubber performance testing
- Alternatives toxicity tests:
hyalella, daphnia, coho
salmon, rainbow trout, mussels
- Future 6PPDQ species
sensitivity testing: lamprey



Flexsys – 6PPD Manufacturer

- Only U.S.-based manufacturer
- Contract with USDA – synthesizing chemical alternatives
- 3 candidates moving to toxicity testing with USGS
 - No PPDs, non-quinone forming
- CA DTSC comment – Early 2026 announcement
- Estimate 10 years – all passenger tires to 6PPD free
- Estimate 15 years – all truck tires to 6PPD free

Proposed - Tire Fee in Washington

- Paid by tire industry
- \$1....\$3.....\$5....Sunsets for 6PPD free tires
- Certification process for 6PPD free tires
- Stormwater mitigation and safer alternatives

6PPD State of the Science Forum

- December 9 & 10, 1-4 pm PST each day.
- 6PPD and 6PPD-quinone research and policy updates.
- Data needs and next steps.
- Learn from other states and nations.
- **Registration opens end of September.**