

Motor Vehicle Tires Containing Zinc Priority Product Proposal - Overview

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The Safer Consumer Products Framework

Candidate
Chemical List

Chemicals listed as of concern by authoritative bodies

Priority Products

Product-Chemical combinations that may cause harm

Alternatives Analysis

Manufacturer evaluation of **safer** alternatives

Regulatory Response

Wide range of possible actions to protect public health or the environment



Petition Process

- Petition Submittal
- Completeness Review
- Merits Review
- Supplemental Information Request
- Notice of Decision



Petition to add Motor Vehicle Tires Containing Zinc to the Priority Product List

- Petition Submitted: May 2018
- Petition Deemed Complete: July 2018
- Supplemental Information Request: January 2019
- Notice of Decision: January 2021 Petition Granted
- https://calsafer.dtsc.ca.gov/workflows/ProductChemicalPetition/11589/?from=search



Where We Are in the Process

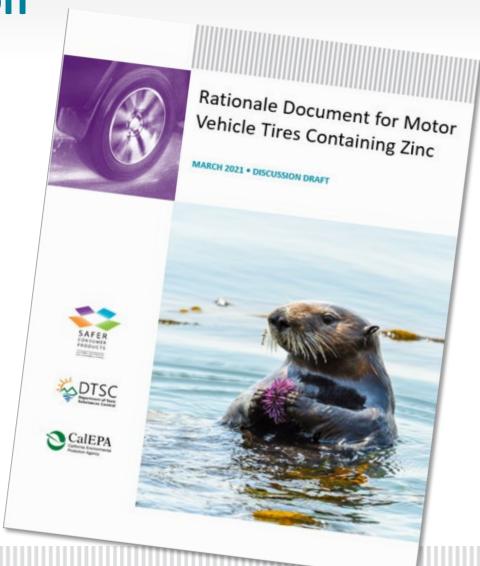




Response

Rationale for Granting the Petition

- Public comment period:March 15 August 6, 2021
- Provide comments at CalSAFER
- https://calsafer.dtsc.ca.gov/cms/c ommentpackage/?rid=12754





Criteria for Granting the Petition

The petition must demonstrate:

- 1. There is **potential** for motor vehicle tires to expose humans or the environment to zinc; and
- There is potential for such exposures to cause or contribute to significant or widespread adverse impacts.



Criteria 1: Potential for Exposure

Zinc is an aquatic toxicant which, when released from tires, can migrate into surface water and may result in adverse impacts to aquatic organisms.



As tires roll along, tire particles are generated containing zinc.



Tire particles wash off the roads, into storm drains, and eventually enter the aquatic environments where zinc can be released.



Tire-derived com-pounds can be toxic to marine invertebrates like purple sea urchins that are important for biodiversity and feed threatened animals like sea otters.

Criteria 2: Potential for Adverse In

ŞEPA

Ambient Water Quality Criteria for Zinc - 1987

ORDER NO. R4-2012-0175, as amended by Order WQ 2015-0075 NPDES NO. CAS004001 MS4 Discharges within the Coastal Watersheds of Los Angeles County

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD

LOS ANGELES REGION

320 W. 4" Street, Suite 200, Los Angeles, California 90013 Phone (213) 576 - 6600 • Fax (213) 576 • 6640

ORDER NO. R4-2012-0175 as amended by State Water Board Order WQ 2015-0075 NPDES PERMIT NO. CAS004001

WASTE DISCHARGE REQUIREMENTS
FOR MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS.4) DISCHARGES WITHIN THE
COASTAL WATERSHEDS OF LOS ANGELES COUNTY, EXCEPT THOSE DISCHARGES
ORIGINATING FROM THE CITY OF LONG BEACH MS.4

The municipal discharges of storm water and non-storm water by the Los Angeles County Flood Control District, the County of Los Angeles, and 84 incorporated cities within the coastal watersheds of Los Angeles County with the exception of the City of Long Beach (hereinafter referred to separately as Permittees and jointly as the Dischargers) from the discharge points identified below are subject to waste discharge requirements as set forth in this Order.

I. FACILITY INFORMATION

Table 1. Discharger	Information The Los Angeles County Flood Control District, the County of Los Angeles County The Los Angeles County Flood Control District, the County of Los Angeles County 84 Incorporated others within the coastal watersheep of Los Angeles County 84 Incorporated of the City of Long Beach (See Table 4) See Table 4) See Table 40 Se
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Name of Facility	Beach MS4
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Board, Los Argento as a large municipal se major facility pursuant to	40 CFR 95/15/
	tion

Table 2. Facility Information

Contact Information	
Permittee	





Contact

For comments:

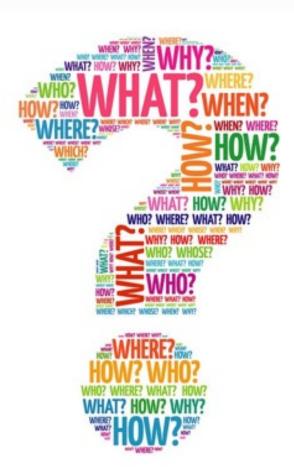
calsafer.dtsc.ca.gov

For questions:

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- andre.algazi@dtsc.ca.gov



Questions & Answers



- Click at the bottom of your screen to type in your question.
- Please ask only one (1) question at a time.
- We will not be using the chat function.
- From the phone, press *9 to raise your hand.
- Email: <u>SaferConsumerProducts@dtsc.ca.gov</u>

