

Pesticides used by CalTrans in Sonoma County 2020-2021

This document contains a list of the herbicide products used by the California Department of Transportation (CalTrans) Region 4 in Sonoma County between 2020 and 2021. All of the toxicity information listed is taken directly from the manufacturer's Safety Data Sheets.

According to the manufacturer's Safety Data Sheets, two (2) of the pesticides are known to the State of California to cause cancer and/or developmental harm to humans. Three (3) of the pesticides are not readily biodegradable. Two (2) of the products have very high soil mobility. Six (6) of the pesticides are highly toxic to aquatic life/fish and are not allowed to enter waterways per label requirements. Many of the roadside areas managed by CalTrans are ditches that flow directly into natural waterways.

In 2020-2021 Sonoma County Sonoma County Transportation and Public Works (TPW) minimized its herbicide products to glyphosate and triclopyr. CalTrans uses an extensive list of ten (10) herbicides including glyphosate, triclopyr, isoxaben, dithiopyr, toluene, aminopyralid, triisopropanolamine, indaziflam, chlorsulfuron, and rimsulfuron. Chemical cocktails are known to result in synergistic effects that increase toxicity.

Sonoma County TPW manages all roadsides in unincorporated Sonoma County that are not owned by the State. **Sonoma County TPW used 8 gallons of herbicides/adjuvants** to manage all of these roadsides in 2020-2021. Between 2020-2021 **CalTrans used 746 gallons of herbicides/adjuvants** on CA-101, CA-116, CA-12, CA-37, CA-128, and CA-1. Sonoma County TPW uses NO herbicides on roadsides in West Sonoma County. **CalTrans Region 1 uses NO herbicides in Humboldt and Mendocino Counties.**

Tell Sonoma County Supervisors to stop CalTrans from using synthetic herbicides in Sonoma County.

<https://www.sonomasass.org/nospraycaltrans>

Accord - Herbicide

Active Ingredients : glyphosate

Prop 65 known to the State of California to cause cancer

<https://www.saratogacountyny.gov/wp/wp-content/uploads/2018/05/Accord-XRT-11.pdf>

Gallery - Herbicide

Active Ingredients: Isoxaben

Highly toxic to aquatic organisms/fish

Marine pollutant

<https://kernred.co.kern.ca.us/kern-agcomm/products/GALLERY%20SC.pdf>

Dimension Ultra - Herbicide

Active Ingredients: Dithiopyr and Toluene (0.3%)

Highly toxic to aquatic organisms/fish

Marine pollutant

Prop 65 known to the State of CA to cause cancer and developmental harm

<http://triangleturf.net/labels/dow/DOW-Dimension%20Ultra%2040%20WP%20MSDS.pdf>

Capstone - Herbicide

Active Ingredients: Triclopyr and Aminopyralid

Toxic to birds and aquatic organisms/fish

Not readily biodegradable

Very high soil mobility

Acute and Chronic health hazard

Marine pollutant

https://www.arborchem.com/images/label-sds/sds_Dow_Capstone.pdf

Reign - Deposition and drift control agent

Active Ingredients: Polyvinyl Chloride

<https://transportation.ky.gov/Maintenance/Pesticides/Drift%20Control%20SDS.pdf>

Hasten - Proprietary adjuvant, ingredients unknown

https://cpda.com/wp-content/uploads/2017/05/Hasten-EA_sds.pdf

Milestone - Herbicide

Active Ingredients: Aminopyralid and Triisopropanolamine

Not readily biodegradable

Very high soil mobility

Highly toxic to aquatic organisms/fish

Marine pollutant

<https://www.corteva.ca/content/dam/dpagco/corteva/na/ca/en/files/products/sds/DF-Milestone-Herbicide-SDS-English.pdf>

Esplanade - Herbicide

Active Ingredients: Indaziflam

Moderate mobility in soil

Highly toxic to aquatic organisms/fish

Marine pollutant

https://www.environmentalscience.bayer.us/-/media/prfuntitedstates/documents/resource-library/sds/esplanade_200_sc.ashx

Telar XP - Herbicide

Active Ingredients: Chlorsulfuron

Highly toxic to aquatic organisms/fish

Marine pollutant

https://www.environmentalscience.bayer.us/-/media/prf/unitedstates/documents/resource-library/sds/telar_xp_herbicide.ashx

Activator 90 - Surfactant

<https://assets.greenbook.net/M94269.pdf>

Dupont Matrix - Herbicide

Active Ingredients: Rimsulfuron

Not readily biodegradable

Prop 65: known to the State of CA to cause cancer

Highly toxic to aquatic organisms/fish

Marine pollutant

https://www.arborchem.com/images/label-sds/sds_Dupont_MatrixSG.pdf

First Choice Cling-Tight - Adjuvant

<https://www.cdms.net/LDat/mpAG4001.pdf>

References:

1. Sonoma County Agricultural Commissioner's office Annual Pesticide Use Report
2. Sonoma County Vegetation Management Annual Report November 2021
3. <https://www.sfgate.com/news/article/Caltrans-Stops-Mendocino-County-Spraying-2851699.php>