

# Use Trends of Oil Pesticides: Pounds Applied

[Text files](https://files.cdpr.ca.gov/pub/outgoing/pur/data/) of data are available at <<https://files.cdpr.ca.gov/pub/outgoing/pur/data/>>. The reported pounds of chemicals used that are oils. Although some oils and other petroleum distillates are on U.S. EPA's list of A or B carcinogens or the State's Proposition 65 list of chemicals "known to cause cancer," these carcinogenic oils are not known to be used in California as pesticides. Many oil pesticides used in California serve as alternatives to chemicals with higher toxicity. Use includes both agricultural and reportable nonagricultural applications. The word "none" or "N/A" indicates no use at all that year. Values > 1 are rounded.

Chemical	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
hydrotreated paraffinic solvent	188,824	103,750	98,414	61,503	40,961	21,860	10,642	7,887	11,724	1,033
isoparaffinic hydrocarbons	13,823	9,822	6,415	2,191	1,516	1,460	1,294	1,406	871	1,357
kerosene	4,690	4,504	221	24	74	N/A	10	1	107	44
low molecular weight paraffinic oil	8,306	21,808	16,416	17,373	22,247	25,255	72,631	28,333	28,346	30,310
mineral oil	17,010,781	19,378,729	30,636,936	27,403,250	38,280,316	36,515,870	36,368,029	39,442,733	39,709,866	43,640,090
mineral oil, petroleum distillates, solvent refined light	11	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
naphtha, heavy aromatic	N/A	N/A	<0.01	N/A	31	N/A	1	N/A	<0.01	<0.01
orchex 796 oil	41,408	61,963	121,278	75,668	26,462	12,485	3,138	1,728	978	1,054
petroleum derivative resin	<0.01	N/A	6	N/A	N/A	<0.01	<0.01	N/A	N/A	N/A
petroleum distillates	17,263	52,749	10,642	8,121	4,887	5,624	6,813	4,218	11,022	2,107

<b>Chemical</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>
<b>petroleum distillates, aliphatic</b>	8,899	6,594	7,651	15,174	10,812	6,010	5,192	1,848	1,096	253
<b>petroleum distillates, aromatic</b>	12	100	303	434	128	4	9	43	115	14
<b>petroleum distillates, refined</b>	9,517	9,039	8,575	4,235	2,498	3,504	3,170	285	125	209
<b>petroleum hydrocarbons</b>	177	27	77	33	692	809	25	50	116	117
<b>petroleum naphthenic oils</b>	18	N/A	1	162	1	3	N/A	N/A	N/A	N/A
<b>petroleum oil, paraffin based</b>	446,572	393,729	219,427	170,202	137,838	119,727	75,755	76,389	160,724	193,027
<b>petroleum oil, unclassified</b>	13,960,986	8,498,603	4,828,126	2,506,603	3,163,043	1,814,640	877,409	482,510	590,836	279,393
<b>petroleum sulfonates</b>	<0.01	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Total</b>	<b>31,711,286</b>	<b>28,541,419</b>	<b>35,954,488</b>	<b>30,264,973</b>	<b>41,691,506</b>	<b>38,527,252</b>	<b>37,424,120</b>	<b>40,047,430</b>	<b>40,515,925</b>	<b>44,149,008</b>