

# Use Trends of Oil Pesticides: Pounds Applied

Text files 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.

Chemical	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
hydrotreated paraffinic solvent	224,458	248,386	240,681	229,203	264,504	260,497	265,667	306,658	363,934	316,773
isoparaffinic hydrocarbons	6,628	13,823	9,822	6,415	2,191	11,426	20,769	69,291	25,366	25,207
kerosene	3,888	4,690	4,504	221	24	74	None	10	1	107
low molecular weight paraffinic oil	None	376	1,032	1,588	2,583	264	122	39	10	112
mineral oil	13,087,748	12,432,888	12,656,353	18,261,254	17,091,840	27,944,415	25,138,306	26,749,871	29,661,080	30,165,318
mineral oil, petroleum distillates, solvent refined light	401	11	None	None	None	None	None	None	None	None
naphtha, heavy aromatic	None	None	None	<0.01	None	31	None	1	None	<0.01
orchex 796 oil	44,658	41,408	61,963	121,278	75,668	26,462	12,485	3,138	1,728	996
petroleum derivative resin	None	<0.01	None	6	None	None	<0.01	<0.01	None	None
petroleum distillates	341,825	280,145	247,366	207,188	158,628	139,448	155,684	93,018	47,138	64,119
petroleum distillates, aliphatic	15,811	8,992	6,638	7,680	15,233	10,861	6,104	5,239	1,878	1,132

<b>Chemical</b>	<b>2010</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>petroleum distillates, aromatic</b>	127,484	135,900	148,867	146,977	119,990	129,363	173,651	183,253	204,387	219,994
<b>petroleum distillates, refined</b>	2,005,527	1,991,134	1,909,372	1,905,974	1,737,566	2,027,849	2,023,978	2,076,709	1,401,326	1,764,078
<b>petroleum hydrocarbons</b>	177	177	27	77	33	692	809	25	50	116
<b>petroleum naphthenic oils</b>	1,318	1,105	518	349	842	574	1,103	543	351	421
<b>petroleum oil, paraffin based</b>	620,260	759,917	901,822	1,189,348	976,615	995,001	542,615	456,466	591,300	939,038
<b>petroleum oil, unclassified</b>	10,976,506	15,796,050	12,357,210	13,881,483	9,825,513	10,148,038	10,191,938	7,482,092	7,741,395	6,958,986
<b>petroleum sulfonates</b>	None	<0.01	None	None	None	None	None	None	None	None
<b>Total</b>	<b>27,456,691</b>	<b>31,715,002</b>	<b>28,546,177</b>	<b>35,959,042</b>	<b>30,271,228</b>	<b>41,694,996</b>	<b>38,533,231</b>	<b>37,426,353</b>	<b>40,039,946</b>	<b>40,456,397</b>