

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. The word "none" or "N/A" indicates no use at all that year. Values > 1 are rounded.

Chemical	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Hydrotreated paraffinic solvent	98,414	61,503	40,961	21,860	10,642	7,887	11,724	1,033	1,037	2,989
Isoparaffinic hydrocarbons	6,415	2,191	11,426	20,769	69,291	25,366	25,197	26,678	19,650	13,134
Kerosene	221	24	74	N/A	10	1	107	44	N/A	20
Low molecular weight paraffinic oil	16,416	17,373	12,336	5,945	4,634	4,372	4,020	5,011	2,784	2,554
Mineral oil	30,636,936	27,403,250	38,280,312	36,515,870	36,368,016	39,432,501	39,712,184	43,691,586	37,145,024	34,390,365
Naphtha, heavy aromatic	0	N/A	31	N/A	1	N/A	0	0	0	0
Orchex 796 oil	121,278	75,668	26,462	12,485	3,138	1,728	978	1,054	462	702
Petroleum derivative resin	6	N/A	N/A	0	0	N/A	N/A	N/A	N/A	N/A
Petroleum distillates	10,642	8,121	4,887	5,624	6,813	4,218	11,023	2,141	3,755	3,173

Chemical	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Petroleum distillates, aliphatic	7,651	15,174	10,812	6,010	5,192	1,848	1,096	253	5	N/A
Petroleum distillates, aromatic	303	434	128	4	9	43	115	15	46	38
Petroleum distillates, refined	8,575	4,235	2,498	3,504	3,170	285	125	209	122	7,228
Petroleum hydrocarbons	77	33	692	809	25	50	116	117	1	19
Petroleum naphthenic oils	1	162	1	3	N/A	N/A	N/A	N/A	N/A	N/A
Petroleum oil, paraffin based	219,427	170,202	137,838	119,727	75,755	76,389	160,724	193,029	92,170	92,479
Petroleum oil, unclassified	4,828,126	2,506,603	3,163,043	1,814,640	877,409	482,510	590,846	279,411	252,629	115,263
Total	35,954,488	30,264,973	41,691,503	38,527,252	37,424,106	40,037,198	40,518,253	44,200,582	37,517,684	34,627,963