

ESTERS OF 2,4-D and 2,4,5-T

The following esters are manufactured by processes similar to that for isopropyl ester of 2,4-D except that the ratios of alcohol and benzol charged and the per cent esterification varies with the individual esters as shown in the table below.

Also the polyethylene glycol esters are not purified by washing and drying, but instead the crude ester is filtered and used directly for formulations.

	Mols Alcohol Charged per Mol of Acid	% Esterification	Ga. Benzol per Gal. Alcohol
Isopropyl Ester of 2,4-D	1.4	90%	1.0
Sec. Butyl Ester of 2,4-D	1.5	95%	.25
N-Butyl Ester of 2,4-D	1.5	95%	0.0
Isopropyl Ester of 2,4,5-T	2.1	88%	1.0
N-Butyl Ester of 2,4,5-T	1.5	95%	0.8
Polyethylene Glycol 200 Ester of 2,4-D	1.0	95%	--
Polyethylene Glycol 300 Ester of 2,4,5-T	1.0	95%	--

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