KE 0020585

Ratio of Methanol Hazard to Lead Hazard.

Analysis of Air Samples Taken About "Vitol" Canning Machine at the Pure Oil Company, Cincinnati, Ohio

Date	Time		Concentration Found: Methyl Alcohol p.p.m.	Concentration Found: Lead Mg./10 l^3	Ratio of Ha Methanol to
9-8-48	9:43 a.m.	At filling end, 1 foot behind operator	728	3.53	1.55
9-8-48	10:05 a.m.	At capping end, beside operator	490	1.1	3.36
9-10-48	10:30 a.m.	General air on deck at side of machine		0.73	
9-10-48	Noon	Control air, dust laboratory of Kettering Laboratory		0.1	
9-13-48	10:30 a.m.	Filling end, to right of operator	131	0.77 Between 0.7 and 1.0*	1.28
9-13-48	11:15 a.m.	Capping end, beside operator	115	1.28	.67
9-13-48	11:40 a.m.	At filling end, to left of operator, toward supply of empty cans	52	0.37	1.04
9-13-48	1:00 p.m.	Control at Kettering Laboratory (X-ray laboratory)		0.10 +	
10-6-48	10:00 a.m.	At filling end, beside operator	38	0.86	.33
10-6-48	10:25 a.m.	Capping end, beside operator	10	0.10	
10-6-48	10:50 a.m.	General air at side of machine	21.4	0.47	.29

*Lead by Ethyl Corporation tester.