

Comparative Toxicity of Aroclor 1242, Pydraul 50E
and Pydraul 115E

	Aroclor 1242	Pydraul 50E	Pydraul 115E
<u>Acute Toxicity</u>			
Oral LD ₅₀ -rats (mg/kg)	8650	> 15,800	> 20,000
Dermal Minimal LD-rabbit (mg/kg)	1260-2000	> 7,940	> 7,940
Dermal Irritation-rabbit (max. 8.0)	2.3	1.0	1.3
Eye Irritation-rabbit (max. 110.0)	6.0	6.0	10.6
Vapor Inhalation-rat (ambient conditions)	non-hazardous	non-hazardous	non-hazardous
<u>Fish 96 hour LC₅₀</u>			
Trout (ppm)	25.1	2.5*	32
Bluegill (ppm)	31.6	3.2*	63
*values for 30E.			
<u>NeuroToxicity - Chicken Demyelination Test</u>			
Dosage	--	10 g/kg bid for 3 days, repeated after 21 days	10g/kg b.i.d. for 3 da repeated after 21 days
Reactions and Mortality	--	none	none
Histopathology of brain, spinal cord and sciatic nerve	--	no lesions	no lesions
<u>Subacute Toxicity - 90-day Rat feeding study</u>			
Dosage (ppm)	1,10 and 100	200,1000 and 5000**	200,1000 and 5000
General Response	None;pilot study indicated weight gain depression and severe liver involvement at 1000 ppm after 30 days.	Possible liver:weight increase at 5000;none at 200 and 1000.	Possible liver weight in crease at 5000,none at 200 and 1000.
** data for N ₂ CP.			
Cholinesterase (plasma, RBC and brain)	--	no effect	no effect