

September 4, 1970

Dr. Robert L. High
Technical Director
Charlotte Chemical Laboratories
P.O. Box 948
Charlotte, North Carolina 28201

Dear Dr. High:

Your request for toxicity data on Aroclor 1221 has been referred to me for reply.

The following constitutes the data we have for Aroclor 1221.

Acute Oral LD_{50} - Rat - Mixed - Undiluted - 3980 mg/kg. Classed as slightly toxic.

Acute Minimal Lethal Dose - Rabbit - females - Clipped Intact Skin 2000 3160 mg/kg. Classed as slightly toxic.

20 Day Dermal - Rabbit - 12.5% solution in corn oil - Daily application 500 mg/kg/day - Moderate adverse effects on body weight, with weakness, lassitude, and loss of appetite.

250 mg/kg/day - This was established as the Mean LD_{50} by skin absorption. There was only slight adverse effect on body weight.

150 mg/kg/kg - There were no untoward effects in any of these animals.

Hematologic studies and Urine analyses from the treated animals compared well with those of the treated control group.

There were no significant gross or microscopic pathologic tissue alterations noted among the surviving test animals which were sacrificed.

I trust this is the information that you seek.

Sincerely yours,

William H. Hunt, Ph.D.
Toxicologist
Medical Department

bcc; W.S. Clark

MONS 090344