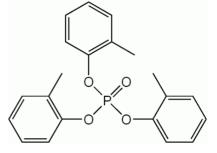
The Poisoner's Handbook

Worksheet Nine: Ethyl Alcohol

- 1. How is ordinary ethyl alcohol metabolized in the body?
- 2. Blum discusses the chemical tri-o-cresyl phosphate shown here:

The "o" means ortho and indicates the two attachments to the benzene rings are next to each other. Form wikipedia:



Tricresyl phosphate, abbreviated **TCP**, is an <u>organophosphate</u> compound that is used as a <u>plasticizer</u> and diverse other applications. It is a colorless, viscous liquid, although commercial samples are typically yellow. It is virtually insoluble in water.

How was this chemical used and what effect did it have on the body?

- 3. What is "Jake Leg"?
- 4. What other organophosphate does Blum mention in this chapter?
- 5. What is the natural percent ethyl alcohol content of the brain?
- 6. How did a "Drunk-o-Meter" work? What is its modern day equivalent?
- 7. How does the body of an experienced drinker metabolize alcohol differently than the body of a novice drinker?
- 8. What brought the safety of Radium to the public's attention?