

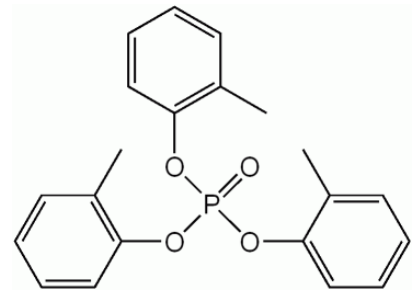
The Poisoner's Handbook

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 [organophosphate](#) compound that is used as a [plasticizer](#) 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?