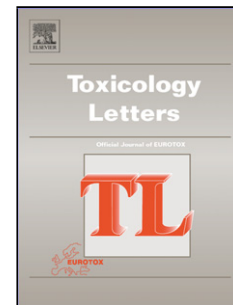


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# Phosgene Oxime: Injury and associated Mechanisms compared to vesicating agents Sulfur Mustard and Lewisite

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## Highlights

- Phosgene oxime (CX) is a nettle agent grouped together with vesicants.
- CX is the most potent but least studied vesicating agent.
- CX is absorbed quickly and causes immediate pain and inflammation.
- CX with faster penetration causes severe tissue damage and systemic toxicity.
- CX could be produced as a weaponized mixture with other chemical warfare agents.

## ABSTRACT

Phosgene Oxime (CX,  $\text{Cl}_2\text{CNOH}$ ), a halogenated oxime, is a potent chemical weapon that causes immediate acute injury and systemic effects. CX, grouped together with vesicating agents, is an

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