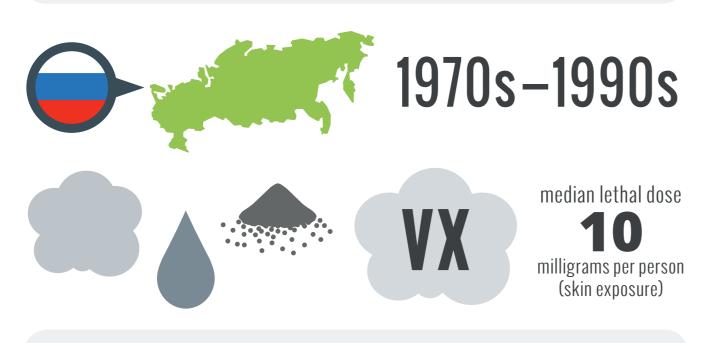
## WHAT ARE NOVICHOK NERVE AGENTS?

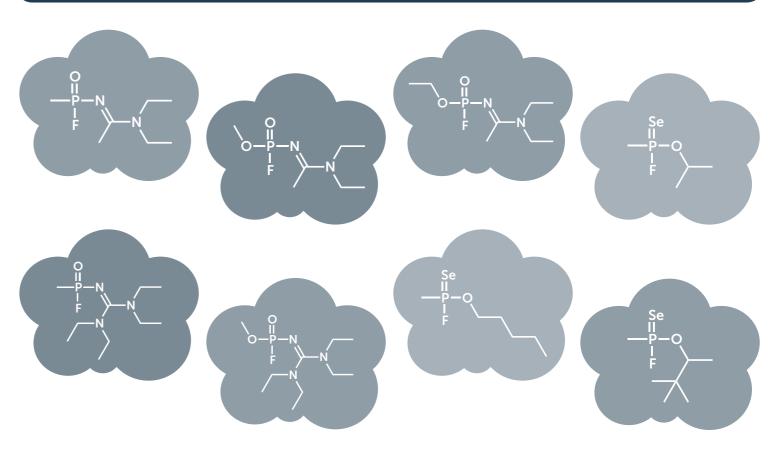
## WHAT ARE NOVICHOK AGENTS?

Novichok agents are organophosphate nerve agents. They were reportedly developed in Russia from the 1970s onwards. Novichok agents are supposedly 5 to 8 times more deadly than VX, another deadly nerve agent.



Novichok agents can be delivered as a liquid, fine powder, or gas. It has been claimed that safer precursors can be mixed to make them on demand, though this has been refuted by other sources.

## **POTENTIAL STRUCTURES OF NOVICHOK AGENTS**



Exact structures of Novichok agents are unknown. The structures above are those suggested by Vil Mirzayanov, the Russian chemical weapons scientist who exposed their development. Nerve agent exposure is usually treated with atropine and pralidoxime.

## **EFFECTS OF NOVICHOK AGENTS**



Cause contraction of the pupils



Excessive mucus, tears. saliva & sweat



pain & vomiting



chest tightness



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