

From the toxicity point of view, chemical warfare agents can be classified as follows: super-toxic chemical warfare agents, other lethal chemical warfare agents and harmful chemical warfare agents, with non-lethal effects.

Effectiveness criterion can be very important for incapacitating agents.

Chemical structure criterion may be used as a basical element in verification system. The chemical structure criterion can be very useful for binary weapons control.

Volatility criterion is an important criterion from a military point of view. Thus, chemical warfare agents can be classified as: persistent and non-persistent chemical warfare agents.