

CHEMICAL	PROPERTIES	IMMEDIATE ACTIONS	SYMPTOMS	TREATMENT
<b>NERVE AGENTS</b> <ul style="list-style-type: none"> <li>• VX</li> <li>• Sarin</li> <li>• Tabun</li> </ul>	Can be liquid or gas Enters the body through: <ul style="list-style-type: none"> <li>▶ Skin and eyes</li> <li>▶ Inhalation</li> <li>▶ Ingested</li> </ul>	<ul style="list-style-type: none"> <li>▶ If you are exposed, the effects will appear fairly rapidly</li> <li>▶ People around you may begin fainting, vomiting or have difficulty breathing</li> <li>▶ Birds and insects may die quickly and fall from the sky</li> </ul>	<ul style="list-style-type: none"> <li>▶ Pupils shrink to pinpoints and victim begins sweating and twitching</li> <li>▶ Runny nose, watery eyes, drooling, increased respiratory secretions, excessive sweating, difficult breathing, dimness of vision, nausea, vomiting</li> </ul>	<ul style="list-style-type: none"> <li>▶ Remove clothing, flush eyes/skin with plenty of water</li> <li>▶ Get medical attention immediately; there are antidotes for specific chemical agents</li> <li>▶ Atropine is an effective antidote</li> </ul>
<b>SULFUR MUSTARDS</b>	Generally thick liquid, yellow or brown in color, with a slight garlic or mustard odor. Enters the body through: <ul style="list-style-type: none"> <li>▶ Skin and eyes</li> <li>▶ Inhalation</li> <li>▶ Ingested</li> </ul>	<ul style="list-style-type: none"> <li>▶ IMMEDIATELY leave the area</li> <li>▶ Avoid puddles of liquid</li> <li>▶ If the attack was outside, you should get into a building or car</li> <li>▶ If the attack was inside, get to the outside</li> </ul>	<ul style="list-style-type: none"> <li>▶ Blistering agent, burning exposed eyes and skin; and lungs, mouth and throat if it is breathed in (inhaled).</li> </ul> Not usually noticed until 1-6 hours after exposure	<ul style="list-style-type: none"> <li>▶ Remove clothing and flush eyes/skin with plenty of water</li> <li>▶ Get medical attention immediately, there are antidotes for specific chemical agents</li> </ul>
<b>HYDROGEN CYANIDE</b>	Extremely flammable, colorless gas or liquid Enters the body through: <ul style="list-style-type: none"> <li>▶ Skin and eyes</li> <li>▶ Inhalation</li> <li>▶ Ingested</li> </ul>	<ul style="list-style-type: none"> <li>▶ If you were directly exposed, remove clothing (place in plastic bags, if possible)</li> <li>▶ Removing contaminated clothing is more important than modesty</li> <li>▶ Do not remove contaminated clothing over your head; cut or tear it off to avoid contact with the eyes, nose, and mouth</li> <li>▶ Thoroughly flush all areas where agent contacted your skin, using nearest water available</li> <li>▶ Hazmat/fire crews are trained for immediate response and medical treatment is available at most hospitals</li> </ul>	<ul style="list-style-type: none"> <li>▶ Burning and redness of the skin and eyes</li> <li>▶ Inhalation causes confusion, drowsiness, shortness of breath, leading to collapse</li> </ul>	Get fresh air immediately Flush skin/eyes with plenty of water Get medical attention immediately; there are antidotes for specific chemical agents
<b>CHLORINE</b>	Greenish-yellow gas with stinging odor. Heavier than air, so it will settle in low spots Enters the body through: <ul style="list-style-type: none"> <li>▶ Skin and eyes</li> <li>▶ Inhalation</li> <li>▶ Ingested</li> </ul>	(Continued from Hydrogen Cyanide section)	Very harmful to the eyes and skin and can cause tearing, blurred vision, difficulty breathing, and burns	Get fresh air immediately Flush skin/eyes with plenty of water Seek medical attention immediately; there are antidotes for specific chemical agents