

REFLEX PROTECT[®] TACTICAL

TRUE: Reflex Protect Presidia[®] Gel is NOT the Same as Traditional CS.

TRUE: Proprietary Presidia Gel's main ingredient is CS (chlorobenzalmalononitrile). This is the same ingredient used in tear gas.

◀ **TRUE:** CS impacts the human body in **VASTLY different ways depending on how it is deployed.** (Just like eating raw hamburger can make you very sick from E. coli, but cooked hamburger is perfectly safe.)

TRUE: CS deployed into the air as tear gas from a canister (with a flammable propellant and ignition system) is dangerous in enclosed spaces or indoors. It displaces oxygen and causes suffocation. The IACP says CS chemical agents in the "hot gas" configuration should be "used with caution" and deployed "only when avenues of egress are available to the crowd."

◀ **TRUE:** Presidia Gel is a **cool liquid gel.** It is deployed in a stream. It **does not aerosolize, and therefore is safe to use indoors.**

TRUE: When burned, CS releases hydrogen cyanide, a deadly gas.

◀ **TRUE:** Presidia Gel is a **non-flammable formula.** It is safe to use with **Electronic Restraint Devices (ERD).**

TRUE: The Geneva Protocol of 1925 prohibits the use of "asphyxiating, poisonous, or other gases" during wartime.

◀ **TRUE:** Presidia Gel **does not atomize or displace oxygen.** It is not an asphyxiating gas. It can be safely used inside enclosed spaces.

TRUE: Traditional OC/CS sprays atomize and disperse, delivering little CS on target.

◀ **TRUE:** Presidia Gel is a sticky liquid, delivering a **full dose of concentrated CS for immediate results.**

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Facts on How Presidia Gel[®] Impacts the Human Body

* From Tactical Medical White Paper by Dr. Bayne French

RESPIRATORY SYSTEM: Presidia Gel has minimal inflammatory effects and very limited involvement of respiratory tissues. Unlike OC, it does not cause swelling of the throat, laryngeal tissues, bronchial lining, or the lungs. Presidia Gel is delivered as a non-aerosolized, non-atomizing liquid. The lack of airborne particulate limits cross-contamination risk and eliminates asphyxiation risk due to oxygen displacement because normal ambient oxygen percentile is not affected. This combination of features results in a markedly improved safety profile over aerosol OC and tear gas.

HEAD AND FACE: Presidia Gel does not cause damage to eyes, cornea, skin, mouth, tongue, respiratory tissues, or ears.

LONG-TERM EFFECTS: There is no known toxicity associated with Presidia Gel. There have been no deaths associated with its use. There are no known long-lasting effects on human tissues. It is deemed safe to use on all individuals, even those with asthma and severe lung disease like emphysema.

SHORT-TERM EFFECTS: Presidia Gel has weak inflammatory effects. In the eyes, symptoms include superficial keratitis and conjunctivitis. On the skin, superficial irritation occurs but no blistering or ulceration. Allergic reaction is possible but very unusual. If ingested, gastrointestinal irritation may result, causing nausea and rarely vomiting.

CALIFORNIA PROPOSITION 65: Presidia Gel does not contain any substance known in the state of California to cause cancer, developmental, and/or reproductive harm.



General FAQ

Do we need to be trained/certified to carry and use Reflex Protect?

The best practice is annual certification or recertification on chemical agents from a certified instructor. Certification on Presidia Gel is done through Tactical Defense Training.

How long will Presidia Gel affect someone after being cleaned off with your decon?

Reflex Remove decon neutralizes Presidia Gel on contact, so you feel cooling immediately. You can function within 2 minutes, and on average you will only feel minimal effects by 5 minutes. Full recovery happens within 15.