

Presidia Gel[®] vs OC

	Presidia Gel [®]	OC Sprays
Active Ingredient	CS (chlorobenzalmalononitrile) in a non-atomizing, sticky gel.	Atomized OC (oleoresin capsicum).
Time to Debilitation	Within 5 seconds. Subjects fully incapacitated within 20 seconds.	Reaction can take minutes, building to full effect over time, with little to no effect on some subjects. Results vary widely, similar to individual susceptibility to chili peppers.
Subject Recovery Time Using Reflex Remove [™]	With Reflex Remove [™] decon: subjects quickly feel relief and can function within 2 minutes. Within 5 minutes, on average, subjects feel only minimal effects. Complete recovery in 15. Allows for fast transportation times of subjects. Officer less-lethal training time also dramatically shortened.	Lengthy recovery time (30-45 minutes until recovery begins) results in slow transportation times. Showering can re-activate oils.
Experience for Subject	Immediate involuntary eye closure and extreme pain in eyes. Burning sensation if in direct contact with eyes, nose, or mouth.	Burning sensation anywhere on the body, especially the eyes and in the respiratory system. Respiratory inflammation, possible sensation of respiratory distress, gagging, coughing.
Ability to Target	Tight gel stream can pinpoint target at a safe distance (up to 15 ft. for 1.9 oz, up to 18 ft. for 5 oz.)	Spray affects entire area with cloud of fine particulate.
Cross Contamination Risks	None. Sticks to what it hits with no side-splatter.	Contaminates everything in the area: LEOs, furniture, HVAC systems, innocent bystanders. Uniform changes mandatory.
	Cannot be removed by the target or thrown back at officer.	OC gels and foams are commonly removed by the target, and in some cases thrown back at the officer.
Use in Cells	Ideal for cell extractions due to zero cross-contamination.	CERT teams must mask up before spraying during cell extractions.
Use in Vehicle	Safe.	Unsafe. Contaminates entire vehicle and all occupants.
Environment Decontamination	Spray Reflex Remove [™] on surface and let sit 30 seconds to neutralize. Naturally dissipates in 15 minutes.	Considerable lost time decontaminating areas and surfaces.
Indoor Use	Safe. Sticks to what it hits. Quickly dissipates.	Unsafe. Atomizes to contaminate everyone and everything. Dissipates slowly, with lasting smell and effects.
1.9 oz Duty Belt Size	Fits in MK-3 OC pouch.	MK-3 other OC sprays available.
5 oz Industry Size	For specialty teams such as SWAT, SRT, CERT, and supervisors.	Available.
	Patented pistol-style spray head.	
	Holster available from Reflex Protect.	