

SABRE® ADVANCED & WATER BASED (H2O) SERIES

MK-8 Technical Specifications

Height:	4.125"	10.5 cm
Diameter:	0.875"	3.20 cm
Weight:	0.69 oz. / 19.32 gr. / 20.7 ml	
Warranty:	5 years	
1-second bursts:	7	
Firing Mechanism:	Locking Top	
Propellant:	Stream - Nitrogen	
Canister:	Seamless extruded aluminum – Rated 2Q	
Operating Temps:	-20° F (-29° C) to 120° F (50° C)	



Formulation: Active Ingredient (Water soluble OC or Oil soluble OC and CS combination) combined with an ultraviolet marking dye. The formulation is **non-flammable** and **electronic immobilization device compatible**. Each canister is stabilized and contains an operating pressure of 140 PSI.

Labeling: All canisters are labeled with a protective Mylar over lamination cover which resists wear and water damage. Canisters are labeled with the shot pattern, batch number, serial number and expiration date. Individually serialized canisters permit easy identification and link to formulation batch numbers for quality assurance tracking.

Quality Control: Manufacturer maintains quality control system in accordance with the American National Standards Institute (ANSI) for the following:

Operation Test	Discharge Duration Test	Intermittent Discharge Test	High Temperature Exposure Test
Temperature Cycle Test	Operating Weight Test	Gasket Dependability Test	Hydrostatic Pressure Test
One Year Time Leakage Test	Pressure Vessel Test		

Federal Regulations: The manufacturer certifies that all units comply with the following:

29 CFR 1910	Occupational Safety And Health Standards	AOAC 995.03	Oleoresin Capsicum Assay
16 CFR 1500.41	Test for skin irritant	16 CFR 1500.130	Labeling of self pressurized canisters
16 CFR 1500.45	Test method for determining flammability of contents of self pressurized canisters	16 CFR 1500.42	Test for eye irritant
		16 CFR 1500.3	Acute Inhalation Toxicity Study

	Level I Formula				Level II Formula				Level III Formula	
	SABRE Defense®		SABRE 5.5®		SABRE 5.0®		SABRE CS®		SABRE Red®	SABRE®
Model #									52H2O08	53H2O08
Delivery									Stream	Stream
Range (Ft/Mtrs)									12-15/4-5	12-15/4-5
Active Ingrid									10% OC	1.5% CS & 2.5% OC
SHU's									2,000,000	2,000,000
Scoville Content									200,000	50,000
Capsaicinoids									1.33%*	0.33%*

* AOAC Official Method 995.03 Capsaicinoids in Capsicums and Their Extractives, Liquid Chromatographic Method (HPLC). Security Equipment Corporation uses AOAC Method 995.03 because it is the preferred method of the Environmental Protection Agency and the U.S. Federal Government.