

SABRE® WATER BASED (H2O) SERIES

Detective Model Technical Specifications

Height:	3.75"	9.40 cm
Diameter:	1.00"	2.60 cm
Weight:	0.5 oz. / 14 gr. / 15 ml	
Warranty:	5 years	
1-second bursts:	5	
Firing Mechanism:	Twist Lock	
Propellant:	Stream - Nitrogen	
Canister:	Seamless extruded aluminum – Rated 2Q	
Operating Temps:	-20° F (-29° C) to 120° F (50° C)	



Formulation: Water soluble Oleoresin Capsicum (OC) and 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 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

	Inert Formula	Level I Formula	Level II Formula	Level III Formula
	SABRE Inert	SABRE Defense®	SABRE 5.0®	SABRE Red®
Model #	STU-01	51H2ONY-BKUV		52H2ONY-BK
Delivery	Stream	Stream		Stream
Range (Ft/Mtrs)	12-15/4-5	12-15/4-5		12-15/4-5
Active Ingred	NA	10% OC		10% OC
Capsaicinoids	NA	0.21%*		1.33%*

* 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.

Last Update: 7/2011