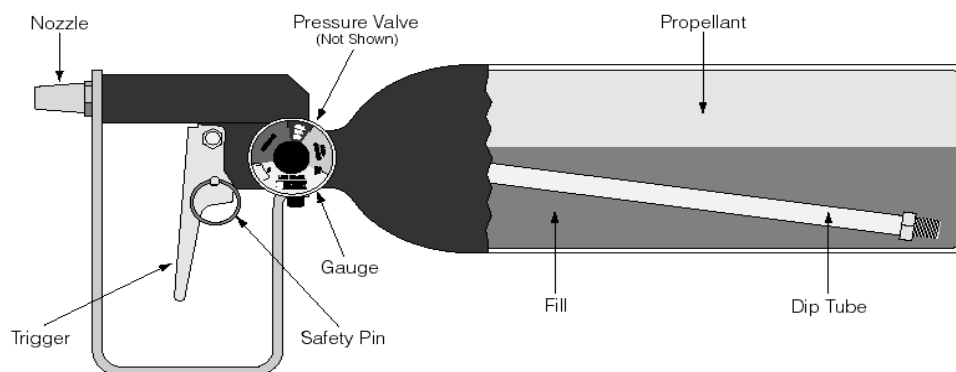


SABRE® WATER BASED (H2O) SERIES

MK-46 Technical Specifications

Height:	19.50"	48.90 cm
Diameter:	4.00"	10.16 cm
Weight:	46.0 oz. / 1,288 gr. / 1,380 ml	
Warranty:	5 years	
1-second bursts:	Approximately 18	
Firing Mechanism:	Squeeze Trigger with Pull Pin Safety	
Propellant:	Nitrogen	
Canister:	Seamless Aluminum	
Operating Temps:	-20° F (-29° C) to 120° F (50° C)	



The following items are required to fill the MK-46:

- MK-46 Refill Kit
- Nitrogen Tank
- Air hose with air chuck -
- Pressure Regulator

Available from SABRE, model # MK-46 CH The above items can be purchased from the Industrial Supply Company, Paint Ball or SCUBA store.

SABRE MK-46 Refill kit contains refill instructions, plastic funnel, refill bottle containing OC and a rubber o-ring.

Formulation: Active Ingredient (OC or CS or OC and CS combination) combined with an ultraviolet marking dye. This formulation is **non-flammable** and electronic immobilization device (EID) compatible. Each canister is stabilized and contains an operating pressure of 200 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

	Training		Level I Formula		Level II Formula		Level III Formula	
	SABRE Inert®	SABRE Defense®	SABRE 5.5®	SABRE 5.0®	SABRE CS®	SABRE Red®	SABRE®	
Model #	80H2O46	81H2O46		86H2O46	84H2O46	82H2O46	83H2O46	
Delivery	Stream	Stream		Stream	Stream	Stream	Stream	
Range (Ft/Mtrs)	25-30/9-10	25-30/9-10		25-30/9-10	25-30/9-10	25-30/9-10	25-30/9-10	
Active Ingred	NA	10% OC		5% OC	1.5% CS	10% OC	1.5% CS & 2.5% OC	
SHU's	NA	500,000		2,000,000		2,000,000	2,000,000	
Scoville Content	NA	50,000		100,000		200,000	50,000	
Capsaicinoids	NA	.33%*		0.67%*		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.