

SABRE

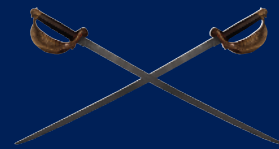
H2O SERIES and DUAL PROPELLANT SYSTEM

HPLC GUARANTEE



Escalate Your Aerosol Projectors—
Not Your Level of Force!

Security Equipment Corporation



Security Equipment Corporation is a family owned and operated business founded in 1975. Our ongoing goal is to utilize the latest technological advancements to produce the safest and most effective products possible.



SABRE was specifically designed to reduce OC failures. As our slogan states on the front cover, **“Escalate Your Aerosol Projectors—Not Your Level Of Force!”** SABRE provides

officers with the best aerosol projectors giving them the greatest chance of gaining control of subjects to reduce use of force escalation.

Furthering our commitment to excellence, SEC is:

- An Environmental Protection Agency Establishment
- A Health Canada Establishment
- ISO 9001:2000 Certified

When you see this symbol throughout our catalog, it identifies how SABRE reduces OC failures to increase officer safety and reduce agency liability. Many of these are exclusive advantages offered only by SABRE.



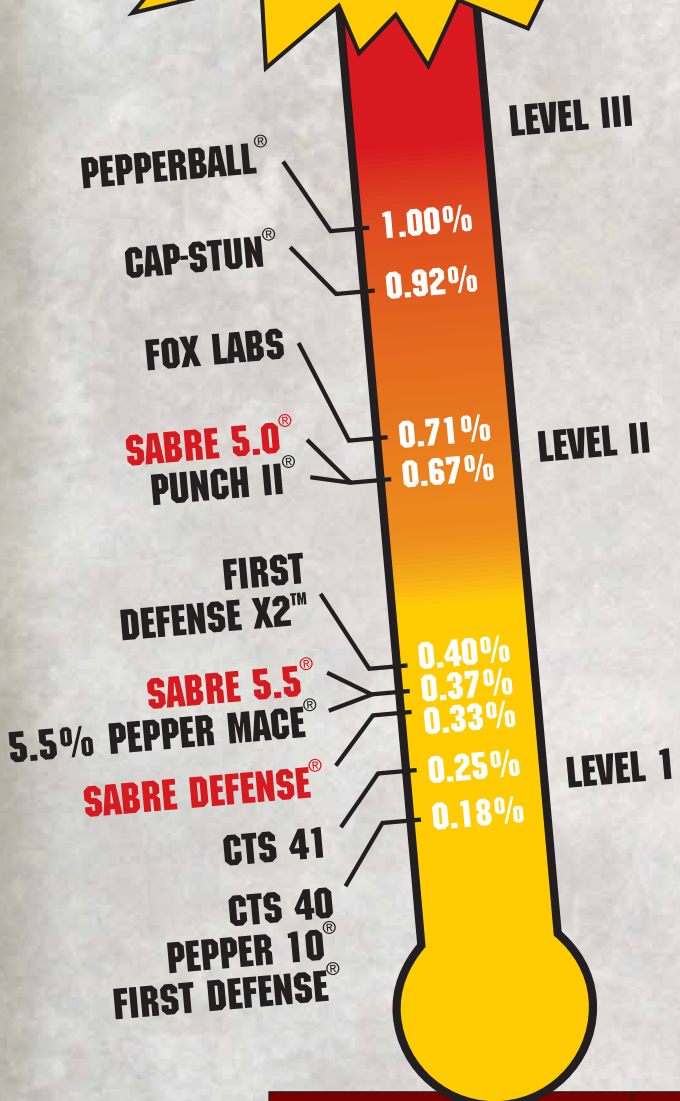
| Series | Description | Spray Patterns |
|---|--|--|
| H2O SERIES | Water based OC with nitrogen propellant | <ul style="list-style-type: none"> • Stream • Foam • High Volume Streamer |
| DPS SERIES (DPS – Dual Propellant System) | Oil based OC with dymel 134a/P & nitrogen propellant | <ul style="list-style-type: none"> • Stream* • Cone • Heavy Fogger |

* DPS Stream is not compatible with electronic immobilization devices





SABRE Formulations



Accurate Measurement

MAJOR CAPSAICINOIDS (MC)

Heat bearing, pain producing and inflammatory components. MC is determined via High Performance Liquid Chromatography (HPLC) and is the most accurate indicator of the strength of the formulation which is projected from the canister. Excluding blends (OC+CS), the higher the MC, the more effective the spray will be.

MC is determined using the American Organization of Analytical Chemists Method 995.03. This is the preferred method used by the US Federal Government.

Inaccurate Measurements

SCOVILLE HEAT UNITS (SHU)

Not an accurate measure of pepper spray strength because it represents the strength of the raw OC, but not the strength of the liquid which is projected from the canister. Raw OC is diluted by the inactive ingredients (propellant and carrier).

OLEORESIN CAPSICUM (OC) PERCENTAGE

OC does not indicate strength—only the amount of OC within the formulation. OC is the oil derived from peppers, but peppers vary in heat. For example, even though they both contain 10% OC, SABRE RED is four (4) times hotter than SABRE DEFENSE because SABRE RED contains more MC.

| Formulation | MC | Level | OC | SHU |
|----------------|-------|-------|----------------|-------------------|
| SABRE DEFENSE | 0.33% | I | 10% | 500,000 |
| SABRE 5.5 | 0.37% | I | 5.5% | 1,000,000 |
| SABRE CS | N/A | II | 1% CS Tear Gas | |
| SABRE 5.0 | 0.67% | II | 5% | 2,000,000 |
| SABRE RED | 1.33% | III | 10% | 2,000,000 |
| SABRE ADVANCED | 0.13% | III | 1% | 2,000,000 & 1% CS |

SABRE's Level III formulations are most effective on "Goal Oriented," alcohol and/or drug induced and emotionally disturbed subjects.



SABRE Advantages

Quality Control

In order to ensure effective products and reduce injuries, Security Equipment Corporation performs the following quality control tests:



- Acute Inhalation
- Dermal Irritation
- Duration
- EPA Flame Extension
- Electronic Immobilization Device Compatibility
- Eye Irritation
- High Temperature Exposure
- HPLC
- Intermittent Discharge
- Inverted Deployment
- Low Temperature Exposure
- Leakage
- Range
- Rough Handling
- Spray Pattern Analysis
- Storage & Stability
- Weight Confirmation

Training Certification Classes



SEC teamed up with Fox Valley Community College Tactical Training Division (FVTC TTD) in 2004. The SEC FVTC TTD training program provides training officers with the same superior level of experience and expertise implemented in SABRE's manufacturing process. SABRE training classes include:

- 1 Day basic instructor certification
- 3 Day master instructor certification

Visit www.sabre-sabrered.com for more information.

Visualization Process



By using the natural color of OC, officers are able to visualize the spray as it projects from the canister towards the subject. This advantage increases officer accuracy and permits target acquisition confirmation which results in the usage of less spray to shorten recovery period and reduce cross contamination.



Ultraviolet Marking Dye

The UV marking dye allows officers to identify subjects which they sprayed for up to 48 hours. UV dye can be found on skin & clothing.

ISO 9001:2000 Certification



In addition to previously earning its status as an EPA and Health Canada establishment, Security Equipment Corporation achieved ISO 9001:2000 certification in December of 2004. The ISO 9001:2000 recognition confirms SEC's commitment to providing a well managed, documented and effective quality control program ensuring OC excellence to increase officer safety.



Deployment Versatility

If necessary, SABRE Mark-2, Mark-3, Mark-3.5 and Mark-4 canisters will fire from an inverted position.

By firing upside down, SABRE provides a tactical safety advantage allowing deployment with less effort during an altercation. Officers are also better able to incapacitate subjects attempting to duck or block the spray.

Other products will not fire upside down, and if they are mistakenly fired from an inverted position, it is very likely that they will no longer fire right side up either.

SABRE DPS SERIES – DELIVERY INVERTED PERFORMANCE

| | |
|--------|---|
| Stream | 1/2 to 1 second bursts – no shaking needed. |
| Cone | 1/2 second bursts only – shaking required. |

SABRE H2O SERIES – DELIVERY INVERTED PERFORMANCE

| | |
|--------|--|
| Stream | 1/2 second bursts only – no shaking needed. |
| Foam | 1/2 second bursts only – shake if necessary. |



SABRE Consistency—HPLC Guarantee

“OC variability could alter potency and ultimately jeopardize the safety and health of users and assailants.”

“Variability explains why pepper sprays have been shown to be only 70% effective in discouraging attacks by aggressive individuals.”

The above information was taken from The University of Utah’s extensive OC test results which were published in the Journal of Forensic Sciences, May 2001 in the article titled, “Quantitative Analysis of Capsaicinoids in Fresh Peppers, Oleoresin Capsicum and Pepper Spray Products.”

The study confirms the OC failures occur because “manufacturers of oleoresin capsicum and self-defense weaponry employ few, if any, analytical measures to determine the concentration of active ingredients in the product and to ensure consistent chemical composition.”

Security Equipment Corporation Is The Exception To The Rule!

SEC operates its own High Performance Liquid Chromatography (HPLC) laboratory ensuring capsaicinoid consistency in each of its SABRE OC formulations. SEC’s HPLC Guarantee increases officer safety and product effectiveness allowing agencies to utilize SABRE to their fullest capacity.



Why is it necessary to meet pungency specifications with each canister produced?

Scenario 1 – Spray Exceeds Pungency Specifications

Not only will the decontamination period increase, but the potential also exists of causing injury to those exposed to the spray.

Scenario II – Spray Falls Short of Pungency Specifications

The spray may fail to assist the officer while controlling and restraining the subject. The inability of the spray to affect the subject could result in injury to the officer.

SEC tests every batch via its in-house lab and also performs frequent independent testing.

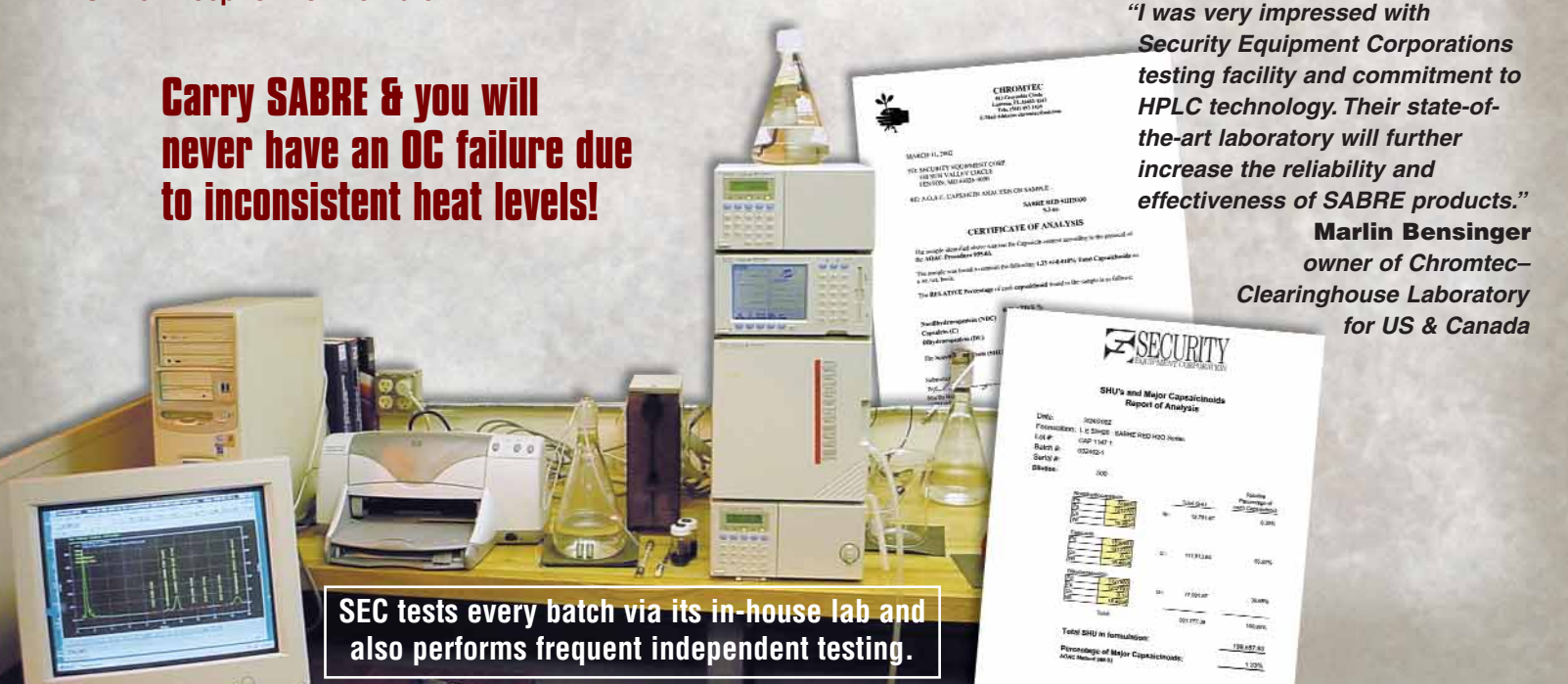
SEC’s HPLC Guarantee ensures all SABRE formulations are within +/- 5% of specifications.

Visit www.sabre-sabrered.com for more information or request your copy of the independent industry test results.

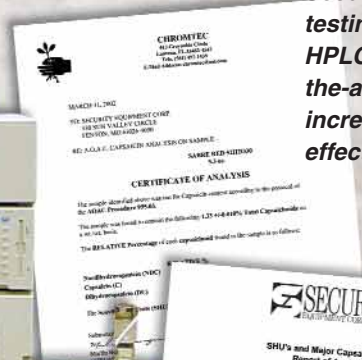
Carry SABRE & you will never have an OC failure due to inconsistent heat levels!

“I was very impressed with Security Equipment Corporations testing facility and commitment to HPLC technology. Their state-of-the-art laboratory will further increase the reliability and effectiveness of SABRE products.”

Marlin Bensinger
owner of Chromtec—
Clearinghouse Laboratory
for US & Canada



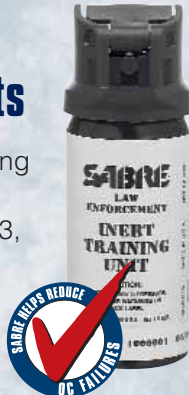
SEC tests every batch via its in-house lab and also performs frequent independent testing.



Other Products

Training Inert Units

Stream, cone & foam training inert units available for the following sizes: MK-2, MK-3, MK-4, MK-6 (stream only), and MK-9.



Reduce OC failures with effective training. Practicing with inert units increases target acquisition when your officers deploy SABRE against combative subjects.

For proper target acquisition areas visit www.sabre-sabred.com.

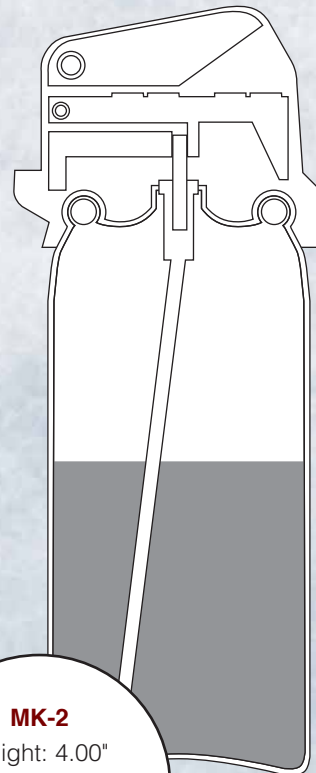
Detective / Plain Clothes & Off Duty Models



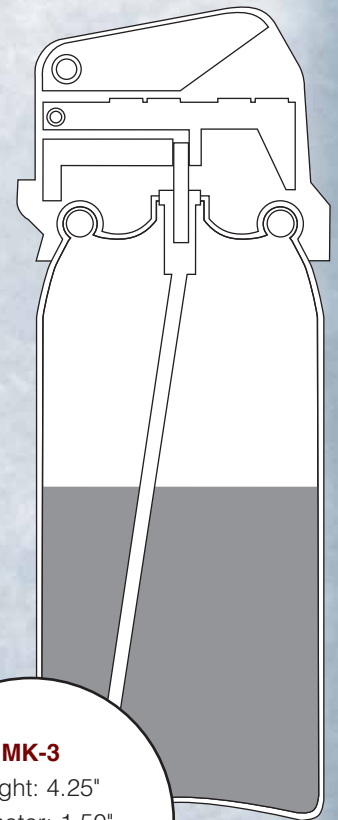
| Model | Description | Formula | Delivery | Distance |
|------------|------------------------------|-------------------|----------|----------|
| 52H2008 | Key Chain (MK-8) | SABRE & SABRE Red | Stream | 10'-12' |
| 52H2006 | Flip Top w/ Belt Clip (MK-6) | All | Stream | 10'-12' |
| 52H20NY-BK | Black Hard Case w/ Belt Clip | SABRE Red | Stream | 10' |
| 5200PN-C | Pen Model | SABRE Red | Cone | 6' |
| 5200BT-C | Tactical OC Baton | SABRE Red | Cone | 6' |
| 5200BTR-C | Tactical OC Baton Refill | SABRE Red | Cone | 6' |

Crowd Management & Cell Extraction Models

SABRE's MK-9 canisters provide a larger size than the traditional MK-9 model—add more product and greater range to your arsenal. (Available in high volume streamer, heavy fogger and foam deliveries.)



MK-2
 Height: 4.00"
 Diameter: 1.375"
 Model # ends in 1010.



MK-3
 Height: 4.25"
 Diameter: 1.50"
 Model # ends in 10.

SABRE Canister Sizes

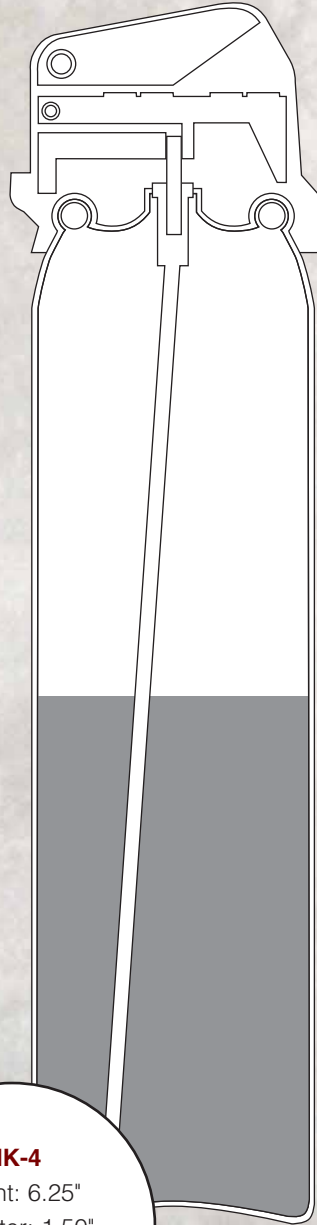
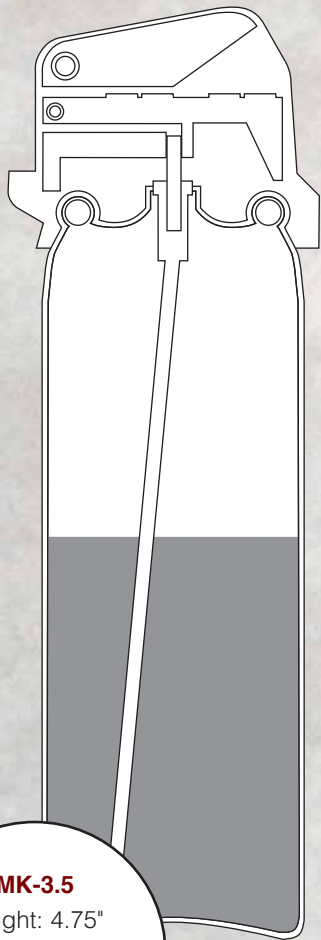
No need to purchase new OC holsters when switching to SABRE! SABRE is available in a variety of canister sizes to provide a financial savings. Place canister over the images at right to determine which will fit.



EID Compatibility

Electronic Immobilization Device Compatibility

All SABRE formulations except the DPS stream delivery are EID compatible. For your copy of the worst case scenario protocol which determines EID compatibility, visit www.sabre-sabrered.com.



MK-3.5

Height: 4.75"
Diameter: 1.375"
Model # ends in 20.

MK-4

Height: 6.25"
Diameter: 1.50"
Model # ends in 30.

CAUTION:

Most manufacturers claim their aerosol projectors are nonflammable, and some may even provide independent laboratory testing to serve as further evidence. Be advised that the EPA Flame Extension test measures flammability by firing the aerosol projector through a flame. Unfortunately, these results are not relevant for agencies using Electronic Immobilization Devices. **NONFLAMMABLE DOES NOT GUARANTEE EID COMPATIBILITY!**

The use of EID brings to light a new set of circumstances. Unlike the Flame Extension Test, with EID the concern relates to a spark coming into contact with the liquid from the aerosol projector which has already reached the skin and clothing of the subject. If the spark from an EID reaches the area covered by the non-EID compatible aerosol projector, injuries will occur. The only way to prevent the problem from occurring is via usage of EID Compatible Aerosol Projectors. The following SABRE deliveries are EID Compatible:

- H2O Stream Delivery
- H2O Foam Delivery
- H2O High Volume Streamer
- DPS Cone Delivery
- DPS Fog Delivery

The following SABRE delivery is not EID Compatible:

- DPS Stream Delivery

It is imperative that agencies test their aerosol projectors in conjunction with their EID before issuing both to their public safety officers.

Tested & Labeled To Increase Officer Safety

**Non-Flammable
Electronic Immobilization
Device Compatible**



SABRE Red
Active Ingredient:
10% OLEORESIN CAPSICUM
2,000,000 SHU's
1.33% Major Capsaicinoids

Non-Flammable
Electronic Immobilization
Device Compatible

CAUTION:
SEVERE SKIN AND EYE IRRITANT.
CONTENTS UNDER PRESSURE
SEE OTHER WARNINGS ON
BACK LABEL.

Stream
1.22004-A
Exp 01/2009 00R1542R

SABRE® Law Enforcement Aerosol Projectors

DPS SERIES*

SABRE DEFENSE

(10% OC @ .33% Major Capsaicinoids)

510010MK-3, 2.0 oz Stream Delivery
 510030MK-4, 4.4 oz Stream Delivery
 510006MK-6, .79 oz Stream Delivery
 910060-CMK-9, 18.5 oz Fog Delivery

SABRE 5.5

(5.5% OC @ .37% Major Capsaicinoids)

550010MK-3, 2.0 oz Stream Delivery
 550030MK-4, 4.4 oz Stream Delivery
 550006MK-6, .79 oz Stream Delivery
 950060-CMK-9, 18.5 oz Fog Delivery

SABRE 5.0

(5% OC @ .67% Major Capsaicinoids)

561010MK-2, 1.8 oz Stream Delivery
 561010-CMK-2, 1.8 oz Cone Delivery
 560010MK-3, 2.0 oz Stream Delivery
 560010-CMK-3, 2.0 oz Cone Delivery
 560030MK-4, 4.4 oz Stream Delivery
 560030-CMK-4, 4.4 oz Cone Delivery
 560006MK-6, .79 oz Stream Delivery
 960060-CMK-9, 18.5 oz Fog Delivery

SABRE CS

(1% CS Tear Gas)

540010MK-3, 2.0 oz Stream Delivery
 540030MK-4, 4.4 oz Stream Delivery
 940060MK-9, 18.5 oz Stream Delivery
 940060-CMK-9, 18.5 oz Fog Delivery

SABRE RED

(10% OC @ 1.33% Major Capsaicinoids)

521010MK-2, 1.8 oz Stream Delivery
 521010-CMK-2, 1.8 oz Cone Delivery
 520010MK-3, 2.0 oz Stream Delivery
 520010-CMK-3, 2.0 oz Cone Delivery
 520020-CMK-3.5, 2.5 oz Cone Delivery
 520030MK-4, 4.4 oz Stream Delivery
 520030-CMK-4, 4.4 oz Cone Delivery
 520006MK-6, .79 oz Stream Delivery

DPS SERIES* (Continued)

SABRE RED (Continued)

(10% OC @ 1.33% Major Capsaicinoids)

920060-CMK-9, 18.5 oz Fog Delivery

SABRE

(1% OC & 1% CS Tear Gas)

530010MK-2, 1.8 oz Stream Delivery
 530030MK-4, 4.4 oz Stream Delivery
 930060-CMK-9, 18.5 oz Fog Delivery

H2O SERIES

SABRE INERT TRAINING UNITS

50H201010MK-2, 1.6 oz Stream Delivery
 50H2010MK-3, 1.8 oz Stream Delivery
 50H2010-CMK-3, 1.8 oz Cone Delivery
 50H2010-FMK-3, 1.8 oz Foam Delivery
 50H2030MK-4, 3.3 oz Stream Delivery
 50H2030-CMK-4, 3.3 oz Cone Delivery
 50H2030-FMK-4, 3.3 oz Foam Delivery
 50H2006MK-6, .69 oz Stream Delivery
 90H2060MK-9, 16.0 oz Stream Delivery
 90H2060-CMK-9, 16.0 oz Cone Delivery
 90H2060-FMK-9, 16.0 oz Foam Delivery

SABRE DEFENSE

(10% OC @ .33% Major Capsaicinoids)

51H2010MK-3, 1.8 oz Stream Delivery
 51H2010-FMK-3, 1.8 oz Foam Delivery
 51H2030MK-4, 3.3 oz Stream Delivery
 51H2030-FMK-4, 3.3 oz Foam Delivery
 51H2006MK-6, .69 oz Stream Delivery
 91H2060MK-9, 16.0 oz Stream Delivery
 91H2060-FMK-9, 16.0 oz Foam Delivery

SABRE 5.5

(5.5% OC @ .37% Major Capsaicinoids)

55H2010MK-3, 1.8 oz Stream Delivery
 55H2030MK-4, 3.3 oz Stream Delivery
 55H2006MK-6, .69 oz Stream Delivery
 95H2060MK-9, 16.0 oz Stream Delivery

H2O SERIES (Continued)

SABRE 5.0

(5% OC @ .67% Major Capsaicinoids)

56H201010MK-2, 1.6 oz Stream Delivery
 56H2010MK-3, 1.8 oz Stream Delivery
 56H2010-FMK-3, 1.8 oz Foam Delivery
 56H2030MK-4, 3.3 oz Stream Delivery
 56H2030-FMK-4, 3.3 oz Foam Delivery
 56H2006MK-6, .69 oz Stream Delivery
 96H2060MK-9, 16.0 oz Stream Delivery
 96H2060-FMK-9, 16.0 oz Foam Delivery

SABRE RED

(10% OC @ 1.33% Major Capsaicinoids)

52H201010MK-2, 1.6 oz Stream Delivery
 52H2010MK-3, 1.8 oz Stream Delivery
 52H2010-FMK-3, 1.8 oz Foam Delivery
 52H2020MK-3.5, 2.2 oz Stream Delivery
 52H2030MK-4, 3.3 oz Stream Delivery
 52H2030-FMK-4, 3.3 oz Foam Delivery
 52H2006MK-6, .69 oz Stream Delivery
 92H2060MK-9, 16.0 oz Stream Delivery
 92H2060-FMK-9, 16.0 oz Foam Delivery
 82H2046-RMK-46, 46.0 oz Refill

SABRE

(1% OC & 1% CS Tear Gas)

53H2010MK-2, 1.6 oz Stream Delivery
 53H2030MK-4, 3.3 oz Stream Delivery

SABRE RED – Detective / Plain Clothes / Off Duty Models

(10% OC @ 1.33% Major Capsaicinoids)

52H2008MK-8, .69 oz Stream Delivery
 52H2006MK-6, .69 oz Stream Delivery
 52H20NY-BKBlack Hard Case with Belt Clip Stream Delivery
 5200PN-CPen Model Cone Delivery
 5200BT-CTactical OC Baton Cone Delivery
 5200BTR-CTactical OC Baton Refill Cartridge

SABRE – Detective / Plain Clothes / Off Duty Models

(1% OC & 1% CS Tear Gas)

53H2008MK-8, .69 oz Stream Delivery

*** WARNING: ALL DPS STREAM DELIVERY MODELS ARE NOT ELECTRONIC IMMOBILIZATION DEVICE COMPATIBLE**

Call us at 1-800-325-9568 or e-mail
info@sabre-sabred.com for more information
 or to schedule a product demonstration.



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