



**MRST** Molecular Reaction Surface Technology

**VAPPRO VCI-816-MRST (Molecular Reaction Surface Technology)**  
**Gun Barrel Cleaner**

**NATO STOCK NUMBER:**  
6850-32-082-7739

**DESCRIPTION**

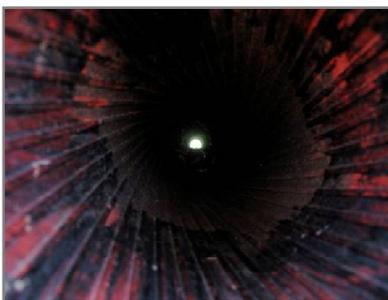
Vapro VCI-816 is specially developed for the removal of copper and lead deposits from the internal bore of the gun barrel, an excellent cleaner that effectively eliminates such stains within minutes, by means of Molecular Reaction Surface Technology (MRST), which works at micropore level.

MRST allows Vapro VCI-816 to penetrate deeply into the asperities of the metal to react with copper deposits, depolarizing such deposits from the micropores on the surface of the gun barrel and leaving the metal in pristine condition.

Vapro VCI-816 is a non-acidic, hence eliminating the problem of hydrogen embrittlement. It is also free from ammonia, simplifying the process of barrel cleaning. Vapro VCI-816 is non-toxic, non-flammable, odourless and slightly viscous. It is free from any hazardous compounds and is RoHS compliant, and can hence be easily exported to the E.U.

**FEATURES**

- Non-Acidic
- RoHS Compliant
- Free from hydrogen embrittlement
- Improves accuracy and reliability
- Dissolves copper fouling within minutes
- Safe on bore steel
- Ammonia and odor free
- Significantly reduces cleaning time
- Conditioned to reduce future fouling
- Non-Flammable
- Removes lead deposits and most copper fouling
- Vital for the maintenance of weapon reliability and performance by removing layers of fouling with embedded carbon and bore conditioning to help prevent future build-up



Copper stains before using Vapro VCI-816



Barrel cleaned after using Vapro VCI-816





## DIRECTIONS FOR USE

- Spray or apply with a bore brush soaked with Vapro VCI-816 evenly into the Gun Barrel and allow 2 to 4 minutes for it to react.
- Once the reaction of Vapro VCI-816 with the copper oxide is complete, a blue solution will be observed.
- Brush through the barrel by means of a bore brush.
- Pull through the barrel using the standard cleaning-kit and a pristine barrel will be achieved.

## SPECIFICATIONS

**Colour**  
Light Yellow

**Odour**  
Odourless

**Flash Point**  
Non-Flammable

**pH**  
10

## AVAILABLE PACKAGING

- 12 x 500ml per carton
- 4 x 5 liters per carton
- 1 x 20 liters pail

**Magna**

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