

Swiss weapon care spray for hunting, sport and the collection

1. Product description: **BRUNOX® Gun Care** is a NATO-approved:

Barrel cleaner:

BRUNOX® Gun Care dissolves lead, nickel, tombac, copper, gunpowder & plastic deposits without leaving residues.
No adverse chemical effects on the barrel – **free of ammonia.**

Lubricant:

BRUNOX® Gun Care forms a 1–2 µm thick, transparent lubricating film with viscoelastic properties.
All moisture is dispelled and completely removed.
The lubricating properties are guaranteed to –55 °C.

Corrosion protection:

BRUNOX® Gun Care guarantees complete corrosion protection for weapons used on a regular basis.
The hydrocarbon mix responsible guarantees an impact-resistant corrosion protection film.

2. Effect:

BRUNOX® Gun Care creeps under and physically dissolves all grit in the barrel and provides long-term protection against corrosion thanks to its hydrophobic properties.

An impact-resistant corrosion protection film is formed that is free of acids, ammonia, PTFE, silicone and nanoceramic particles.
The protective film retains its creep properties and does not resinify.

Thanks to a balanced mixture of hydrocarbons, **BRUNOX® Gun Care** frees all seized-up precision components and ensures they move smoothly after a short period of time.

3. Field of application:

BRUNOX® Gun Care can be used for all air, gas-operated, spring-powered, hand, repeating, semi- and fully automatic guns as well as for antique handloaders.

4. Application:

Weapon care with BRUNOX® is child's play:

1. Moisten the barrel well with **BRUNOX® Gun Care**, and let it work in for 15–20 minutes or overnight in the case of heavy soiling.
(Does not attack the barrel as it is free of acids/ammonia)
2. Wet the cleaning brush copiously with **BRUNOX® Gun Care**.
3. Run the cleaning brush 15 to 20 times through the barrel.
4. Remove dirt with a cloth or a felt cleaning pellet.
5. Finally, wet an almost clean cloth or felt cleaning pellet with **BRUNOX® Gun Care** and pull it through the barrel.
6. This protects the barrel, which is thus ready to fire at all times.

There is no oil residue in the barrel, guaranteeing its accuracy.

5. Expert report:

NATO information's:

Manufacturer codes:

NCAGE for BRUNOX AG, Switzerland • **D7143** for BRUNOX GmbH, Germany

NATO code S-756 is covered by the BRUNOX® Gun care spray products.

Barrel cleaning tests:

- See our reference from SM, now RUAG Ammotec Thun, from 13/6/2000

Corrosion protection tests,

- Cold resistance, emulsifying, PTFE

See WILD UND HUND 6/2006, P. 48

-BRUNOX® Turbo-Spray® Gun Care was „totally unaffected by temperatures below freezing. Due to its good preservation and creep properties, it fulfilled the most important requirements best of all." Björn Ebeling

See MESSER MAGAZIN, No. 6/ 2013, P. 84,

-2nd place "Good to very good"

Cold tests:

See our reference HECKLER & KOCH GMBH, 29/6/2000

"The performance during the cold test with the P8 pistol was exceedingly good".

Tests regarding gumming and compatibility with plastics:

- See our reference Carl Walther from 30/01/2006

- See our reference Glock Ges.m.b.H from 22/04/2004



6. Unit sizes:
Spray: 100 ml, 300 ml
Atomizer: 120 ml
Bulk: 100 ml
Canister: 5 l, 20 l & 200 l

**7. Chemicals
Durability:**

Weapon care cloths: soaked with 6 grams of **BRUNOX® Gun Care**

No impairment of non-metallic materials such as paint, leather, wood, rubber and almost all plastics.

– See GLOCK and Walther reference expertises at www.brunox.swiss

8. Technical data:

Appearance: clear
Spec. Weight: 0.83 ± 0.02 g/cm³
Dynamic viscosity (20 °C): 4.0 mPas (bulk and AEROSOL)
Flash point: 78 °C (unpacked goods)
DIN ISO 2592
Heat resistance: Up to 160 °C in the short term
Up to 125 °C in the long term
Melting point: under -55 °C
pH-value: neutral
Film characteristics: creeping
Film thickness: 1 - 2 µm
Consistency: 23 N/mm²
Puncture strength : Film does not harden, 64 mPa



Gun Care

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