



TECHNICAL DATA SHEET

SPARTAMAX MUSKET BLACK POWDER / BIO CLEANER- LUBE Part# 866-99366

SpartaMax – MUSKET BLACK POWDER CLEANER - LUBE Product Information:

- SpartaMax MUSKET BLACK POWDER CLEANER – LUBE is a proprietary formulation with advanced aerospace / synthetic design. Universal for both gun barrel / projectile & mechanical parts with high temperature durability, cooler operation temperatures, reduced friction & long lasting features. Stay-ability upon surfaces with cleaner component performance (less SULFUR, carbon residue & micro-dirt attraction) increases overall component life cycles. Sun-Zero Cold & Hot weather durability.
USDA Bio Preferred Bio-Base Product.

Applications & Use:

- Universal for all Musket – Black Powder Type Applications.
- Lubrication with Cleansing Protection of Bullets/ Barrel (increases weapon performance repeatability).
- **SPECIFICALLY FOR PROFESSIONAL & SPORTSMAN USE.**

Features & Benefits:

- Compatible with all metals, composites, surfaces & non-hazardous (flash point above 450°F).
- Bullet / projectile Lubricant for extreme duty, hi-performance & long lasting requirements.
- Aerospace synthetic (thin, light, durable & high temperature stable) lubricant with surface stay-ability.
- Excellent anti-wear capabilities with reduced friction; provides improved projectile consistency.
- Increased target penetration & greater accuracy– when bullets or projectiles are wiped before placing into gun clip etc. – lubricant performance increases – projectile lodges deeper into the target.
- Gun barrel operates cooler with longer service life cycles (historically – performance time doubles).
- Provides longer performance durations & maintenance cycles with reduced surface degradation.
- Metal Surface - Static Condition is greatly reduced which slows micro particle / surface embedding.
- Resists static carbon & micro dirt particle attraction into or upon the barrel & mechanical components.
- BLACK Powder - SULFUR particles which normally imbeds into barrel and mechanical component surfaces are greatly reduced and during maintenance and easily wipes away with bio-solvent cleansing action.
- Anti- Oxidation (rust) protection upon metal surfaces 30 – 90 days (depending on climate conditions).
- Aerospace nano-technology with special lubrication polarization / attraction absorbs directly into and stays upon the micron metal pores of surfaces (both projectile & barrel no matter the metal surface).
- USDA Bio-base, Bio-degradable and Bio-safe for personnel's physical application and use.

Typical Properties:

- Pour Point -40°F (sub-zero cold performance) * Flash Point: 475°F
- Due to continual product research & development, the information contained herein is subject to change without notification. Typical Properties may vary slightly. MSDS's are available upon request.

Field Packaging:

- 1 oz. single round cylinder bottle with reusable sprayer for storage area within Mobil Gun Kit.
Proprietary Development by: Spartaclean Bio-Technologies, Inc.



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Musket

Black Powder

Cleaner-Lube

Bio Based Safe & Clean

- Reduces Carbon & Sulfur
- Musket - Cleaning & Lube
- Barrel Bore & Surface Area
- Bullet-Ball / Barrel Pre Lube
- Extended Rust Protection
- Reduces Friction & Static

Part No. 866-99366

Bio-Gunsmith

www.Spartamax.net