



**TECHNICAL DATA SHEET – SPARTAMAX GUN OIL - RIFLE BORE CLEANER
FIREARMS BORE CLEANER & AUTOMATIC AIRCRAFT WEAPONS PN 866-37264
BIO BASE / NON-FLAMMABLE / NON DANGEROUS GOOD - SOLVENT CLEANER**



SGO-RBC™ SpartaMax – Rifle Bore Cleaner Product Information:

- SGO-RBC Proprietary Cleaner-Protection product is formulated with advanced Non-Hazardous Carbon and Copper Cleaning Chemistry (Bio-Base Co-Solvents with NO AMMONIA). Universal for Gun Barrel Bore & Automatic Aircraft Weapons mechanical parts for safe removal of carbon, copper micro-dirt particles & grease residue with storage stay-ability upon surfaces. Provides weapon cleansing performance while reducing cleaning time and weapon maintenance cycle requirements. **USDA Bio-Base and Highly Bio-Degradable Product as required by DoD, DLA & GSA.**

Military - Police - Gunsmith Applications & Use:

- **MILITARY & PROFESSIONAL USE - REQUIRED UNDER DOD SPECIFICATION (MIL-PRF-372D).**
- **NON-HAZARDOUS, NON FLAMMABLE – USER & ENVIRONMENT FRIENDLY - GENTLE & SAFE.**
- SGO-RBC is Universal for multiple related Pistol, Gun & Rifle Applications (small, medium & large) including small hand gun (pistol), Shot Guns, Rifles (regular, semi and fully automatic).
- SGO-RBC application & use during regular Cleaning of Gun (barrel bore) & component parts.
- Bio Cleanse & Protection of Gun Barrel Bore storage (increases durability & service life cycles).
- Bio Cleanse & Protection of Internal & External Mechanical Parts, Bolt, Slide & Firing Pin Areas etc.
- **Barrel Bore Cleaning & Direct “hands on” use for small arms, rifles and automatic weapons.**
- **Gentle & Deep Carbon & Copper Cleaning – allow SGO-RBC-solvent to soak into, lift and clean away Carbon & Copper from metal surfaces.**
- **NOTE: Hard Carbon & Copper after soak will require brushing to break carbon away.**
- **Gentle & Deep Cleansing for Dirt, Grease & Contamination of all metal & plastic surfaces.**
- **In the event of “copper fouling” simply allow barrel to soak for 30 min – use plastic (metal if needed) brush to break away embedded fouling or carbon – then flush away. Light amount of copper remaining with heat and friction will “break away & blow out” at next weapon use.**

SGO-RBC Weapon Operation Advantage:

- SGO-RBC – Special Formulation helps to provide **Carbon & Contamination Management to assist in Barrel Bore Efficiency for improved weapon performance repeatability.**

SGO-RBC Provides a Special Formulation with operation time embeds into barrel bore to reduce Carbon, Nitrite & Copper formation (helps to Provide Cleaner conditions for Barrel Bore Efficiency).

When **Carbon etc. blows out muzzle end then less cleaning solvent is required in maintenance.**

SGO-RBC helps to Provide Cleaner & Cooler Gun Barrel Bore Operations w/ longer service life. For Hi-Performance Weapon Lubricant use SGO-MP 100% weapon lube / LAW Product or SGO#1.

SGO-RBC to work with greater efficiently - after initial “brushing & cleaning” of major surface dirt & contaminates – set side components – (still wet) **and allow to soak for 10-15 minutes** (NOTE: **longer SGO-RBC soaks into metal pores – greater RBC results - then brush & wipe away dirt etc.)**

SpartaMax

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Features & Benefits:

- **SGO-RBC - provides *BIO SOLVENT HI-PERFORMANCE - BIOSAFE CLEANSING*.** Safe use upon internal working and slide component surfaces. When Powder and contaminates come in contact with **special bio chemistry dissipates & holds carbon in manageable suspension to be wiped away.**
- Compatible w/all metals (steel, aluminum, brass, copper), composites & plastic surfaces.
- Internal & external mechanical cleaning for extreme duty, hi-performance & long lasting needs. **Storage Protection against micro dirt particle attraction** into or upon metal pore surfaces.
- **Anti- Oxidation (rust) protection** upon metal surfaces 30 – 90 days (non-salt conditions).
- **SGO-RBC (after maintenance cleaning procedure) then weapon has been placed in clean storage for later use. Over time SGO-RBC's solvent formulation has the ability to continually & gently clean the unseen micro carbon particles from the metal pores and surfaces. When time comes for weapon use, simply wipe clean & apply SGO-LAW to notice performance difference.**
- **BIO-SAFE WORKER SAFE PRODUCTS:** creates fewer short-long term medical issues. (NOTE: if worker/user is physically allergic to corn or other bio-plant products should review for use)

Non-Hazrdous Reportability – Non-Dangerous Goods Shipping:

- **SAFE FOR NON-HAZARDOUS DISPOSAL.** Chemical properties in SGO-RBC are Bio Based, Bio Safe, Readily Bio-degradable, non-hazardous and environmentally safe.
- **DISPOSAL:** Only issue for disposal is the dirt, carbon & contamination held in suspension as found with regular used motor oil. Could be disposed with waist-used motor oil or heat oil burner.
- **LOW EVAPORATION** – reduced product loss during open solvent use or in high temperature conditions – less evaporation into the air during scrubbing, cleaning and “splashing” = longer lasting.
- **LOW – NON FLAMMABLE SAFE** – higher flash point = safer area & worker conditions.
- **OSHA – INTERNATIONAL NON HAZARDOUS SAFE for long term bulk storage & use.**
- **AIR & GROUND INTERNATIONAL SHIPPING SAFE** – reducing transportation requirements.

Typical Properties:

- Pour Point: -30°F (sub-zero - cold operations) Flash Point: 185°F+ (extreme heat) non-flammable.
- 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.

Packaging:

- Military & Police use – single 1 Gal X4 case lot & 55 Gal Drum (non-hazardous / non-flammable ship)
- Military specification containers are available as required – or 1oz & 4oz & 16oz for gunsmith needs.