

## For Use in Traditional Style Blackpowder Firearms

1. Squeeze the amount of **Blue Wonder™ Gun Cleaner** that will be needed to clean the firearm into a small tub or bowl. Begin by applying a liberal amount of **Blue Wonder™ Gun Cleaner** to a brass gun brush of the proper bore size. Run the brush back and forth through the bore 5-6 times. **Blue Wonder™ Gun Cleaner** works by "chemical reaction", so let the gel remain on the surface for 5 - 10 minutes - or longer for bores with heavy deposits of fouling or lead.
2. While waiting for **Blue Wonder™ Gun Cleaner** to work on the bore the other components of the firearm can be prepared for cleaning. First remove the percussion nipple on a percussion firearm or the vent hole screw or vent hole liner on a flintlock and set them aside to soak in a small dish of **Blue Wonder™ Gun Cleaner**. Then apply a liberal amount of **Blue Wonder™ Gun Cleaner** to the proper diameter pipe cleaner and run this through the nipple or flash hole channel. Let the gel remain on the surface for 5 - 10 minutes - or longer for heavy deposits of fouling.
3. Next apply a liberal amount of **Blue Wonder™ Gun Cleaner** to the area around the percussion nipple, vent whole, hammer and any other area of the firearm affected by fouling. Let the gel remain on the surface for 5 - 10 minutes - or longer for heavy deposits of fouling.
4. After letting **Blue Wonder™ Gun Cleaner** sit in the bore for 5 - 10 minutes, run the brush back and forth through the bore 5-6 more times and then run dry patches down the bore until they come out dry and clean. For the cleanest possible bore, it is important to use a patch that fits tightly in the bore which forces itself into the lands and grooves. If your patches are still dirty after 2-3 times, repeat step 1 above.
5. Once the bore has been cleaned, take a clean, dry pipe cleaner and run it through the nipple or flash hole channel, around the threads for the nipple or vent hole screw and through the orifice of the nipple or vent hole screw or vent hole liner. Continue this process until the pipe cleaner comes out dry and clean.
6. Next rub the area around your percussion nipple, vent hole, hammer and any other areas of the firearm to be cleaned with a dry, clean rag or cleaning patch until the area is dry and clean of all residue.
7. **IMPORTANT!!** After using **Blue Wonder™ Gun Cleaner**, the metal surfaces of the firearm will be chemically clean and free from all lead, powder and other fouling residue, thus it is **VERY IMPORTANT** to finish the cleaning process by applying a coat of quality gun oil to all metal surfaces to prevent rusting. (The ammonia content is less than ¾ of 1% with a Ph factor of 8.2.)

For bores with very heavy deposits follow step 1 above and then plug one end of barrel with cork or similar object. From open end, fill bore with **Blue Wonder™ Gun Cleaner**, plug other end. Let stand overnight, then remove plugs and continue with steps 2 & 3.

## For Use in Inline Style Blackpowder Firearms

1. Squeeze the amount of **Blue Wonder™ Gun Cleaner** that will be needed to clean the firearm into a small tub or bowl. Begin by applying a liberal amount of **Blue Wonder™ Gun Cleaner** to a brass gun brush of the proper bore size. After removing the breech plug and nipple, run the brush back and forth, completely through the bore 5-6 times. **Blue Wonder™ Gun Cleaner** works by "chemical reaction", so let the gel remain on the surface for 5 - 10 minutes - or longer for bores with heavy deposits of fouling or lead.
2. While waiting for **Blue Wonder™ Gun Cleaner** to work on the bore the other components of the firearm can be prepared for cleaning. After removing the percussion nipple or breech plug and bolt or firing mechanism, set them aside to soak in a small dish of **Blue Wonder™ Gun Cleaner**. Then apply a liberal amount of **Blue Wonder™ Gun Cleaner** to the threads that hold the percussion nipple or breech plug in place. Set these components aside, letting the gel remain on the surface for 5 - 10 minutes - or longer for heavy deposits of fouling.
3. Next apply a liberal amount of **Blue Wonder™ Gun Cleaner** to all other areas of the firearm affected by fouling. Let the gel remain on the surface for 5 - 10 minutes - or longer for heavy deposits of fouling.
4. After letting **Blue Wonder™ Gun Cleaner** sit in the bore for 5 - 10 minutes, run the brush back and forth, completely through the bore 5-6 more times and then run dry patches down the bore until they come out dry and clean. For the cleanest possible bore, it is important to use a patch that fits tightly in the bore which forces itself into the lands and grooves. If your patches are still dirty after 2-3 times, repeat step 1 above.
5. Once you have cleaned the bore take a clean, dry pipe cleaner and run it through the nipple orifice and nipple channel of the breech plug making sure to remove all residues from the threads of both pieces. Then use a clean, dry rag or patch to clean all external surfaces of the percussion nipple, breech plug and bolt or firing mechanism as well as any other area of the firearm affected by fouling. Continue this process until the pipe cleaner, rag or patch comes out dry and clean of all residues.
6. **IMPORTANT!!** After using **Blue Wonder™ Gun Cleaner**, the metal surfaces of the firearm will be chemically clean and free from all lead, powder and other fouling residue, thus it is **VERY IMPORTANT** to finish the cleaning process by applying a coat of quality gun oil to all metal surfaces to prevent rusting. (The ammonia content is less than ¾ of 1% with a Ph factor of 8.2.)

For bores with very heavy deposits follow step 1 above and then plug one end of barrel with cork or similar object. From open end, fill bore with **Blue Wonder™ Gun Cleaner**, plug other end. Let stand overnight and then remove plugs and continue with steps 2 & 3 above.

## For Use in Revolver Style Blackpowder Firearms

1. Squeeze the amount of **Blue Wonder™ Gun Cleaner** that will be needed to clean the firearm into a small tub or bowl. Begin by applying a liberal amount of **Blue Wonder™ Gun Cleaner** to a brass gun brush of the proper bore size. After removing the cylinder, run the brush back and forth, completely through the bore 5-6 times. **Blue Wonder™ Gun Cleaner** works by "chemical reaction", so let the gel remain on the surface for 5 - 10 minutes - or longer for bores with heavy deposits of fouling or lead.
2. While waiting for **Blue Wonder™ Gun Cleaner** to work on the bore the other components of the firearm can be prepared for cleaning. After removing the cylinder from the firearm, remove the percussion nipples from the cylinder. Set them aside to soak in a small dish of **Blue Wonder™ Gun Cleaner**. Then apply a liberal amount of **Blue Wonder™ Gun Cleaner** to the threads that hold the percussion nipples in place using a clean dry pipe cleaner. Set these components aside, letting the gel remain on the surface for 5 - 10 minutes - or longer for heavy deposits of fouling.
3. Begin by applying a liberal amount of **Blue Wonder™ Gun Cleaner** to a brass gun brush of the proper size then run the brush into each of the chambers on the cylinder, giving them a good coating of **Blue Wonder™ Gun Cleaner**. Set the cylinder aside, letting the gel remain on the surface for 5 - 10 minutes - or longer for heavy deposits of fouling.
4. Next apply a liberal amount of **Blue Wonder™ Gun Cleaner** to all other areas of the firearm affected by fouling. Let the gel remain on the surface for 5 - 10 minutes - or longer for heavy deposits of fouling.
5. After letting **Blue Wonder™ Gun Cleaner** sit in the bore for 5 - 10 minutes, run the brush back and forth, completely through the bore 5-6 more times and then run dry patches down the bore until they come out dry and clean. For the cleanest possible bore, it is important to use a patch that fits tightly in the bore which forces itself into the lands and grooves. If your patches are still dirty after 2-3 times, repeat step 1 above.
6. Once you have cleaned the bore take a clean, dry pipe cleaner and run it through the orifice of each nipple and around the threads of each nipple making sure to remove all residues. Then use a clean, dry rag or patch to clean all external surfaces of the each nipple.
7. Then take a clean, dry patch or pipe cleaner to remove the residue from the interior and nipple threads area of each chamber as well as any other area of the firearm affected by fouling. Continue this process until the pipe cleaner, rag or patch comes out dry and clean of all residues.
8. **IMPORTANT!!** After using **Blue Wonder™ Gun Cleaner**, the metal surfaces of the firearm will be chemically clean and free from all lead, powder and other fouling residue,

thus it is **VERY IMPORTANT** to finish the cleaning process by applying a coat of quality gun oil to all metal surfaces to prevent rusting.

For bores with very heavy deposits follow step 1 above and then plug one end of barrel with cork or similar object. From open end, fill bore with **Blue Wonder™ Gun Cleaner**, plug other end. Let stand overnight and then remove plugs and continue with steps 2 & 3 above. *(The ammonia content is less than ¾ of 1% with a Ph factor of 8.2.)*