

# MAMBA Brass Soap

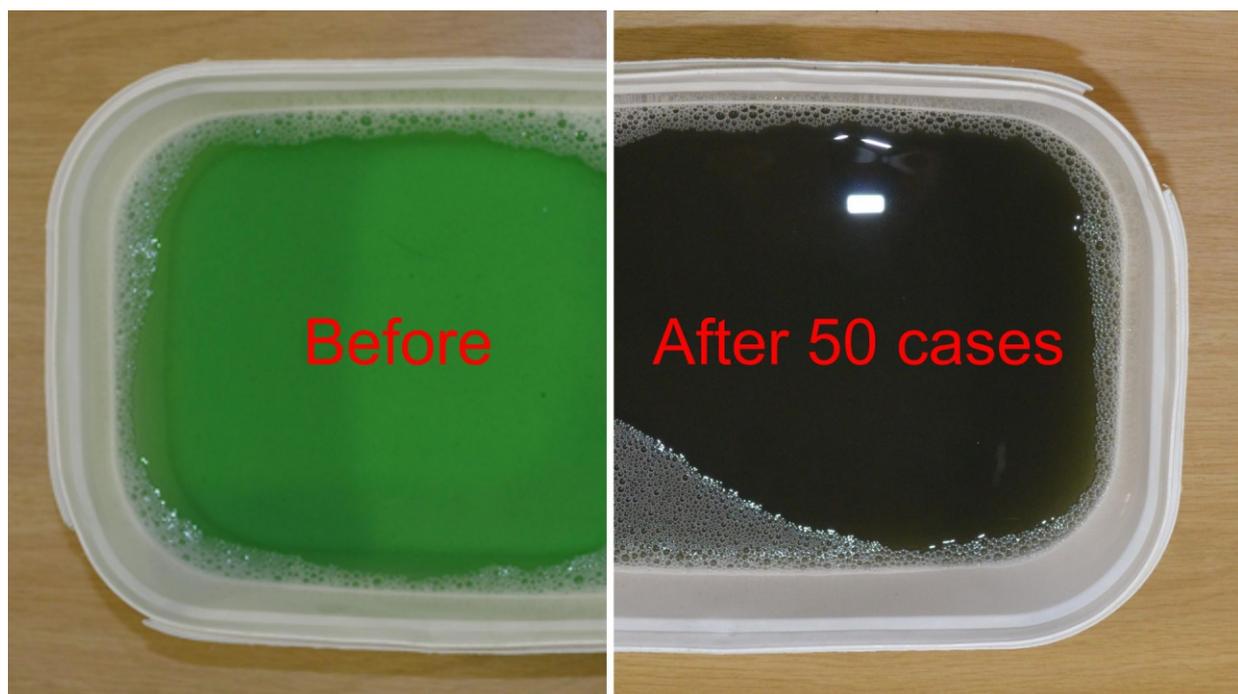
## MAMBA soap – chemical cleaning of brass cases:

**MAMBA** soap ensures a good chemical cleaning of the cases by removing both oxidation as well as the carbon residue inside the cases. The **MAMBA** soap can be used in a plastic container to wash the cases by hand. It can also be used in an ultrasonic appliance or a rotary tumbler. It is important not to leave the **MAMBA** soap in the ultrasonic appliance for lengthy periods of time because it can cause damage due to galvanization. Only keep the soap in the tank while cleaning the cases. Drain the water and soap immediately after use, rinse the tank thoroughly and dry. Store the appliance in a dry place.

Casing brass is a mixture of 70% copper and 30% Zinc. When the oxidation is removed, some of the cases might appear red due to the copper. This is not a problem unless visible pit markings can be seen. Cases with pitting or other surface damage or defects should not be reloaded.

The used cleaning medium can be left until the dirt sinks to the bottom. The cleaning medium can then be poured off carefully until just the dirt residue remains. The dirty soap can also be filtered if you wish. This should enable you to use one mixture more than once and for more than a 100 cases.

Oxidation forms of a thin protective layer on the cases which limits further oxidation or tarnish. That is why clean cases will quickly tarnish again. If tap water was used the amount of minerals and chemicals like chlorine, fluoride and even iron in the water might tarnish the cases after a while. This is neither dangerous nor detrimental, but if it bothers you, the cases can be cleaned with polish not containing ammonia. Ammonia will make the cases brittle, as it attacks the copper part of the brass. To limit tarnishing, the best is to use distilled water.



**COMPLETELY DRAIN ALL MAMBA FROM ULTRASONIC CLEANER IMMEDIATELY AFTER USE, RINSE CONTAINER WELL & DRY.**