

**aalco<sup>®</sup>**

# STAINLESS STEEL CLEANING & PASSIVATION KIT

Removes oxides and rust  
contamination from  
Stainless Steel surfaces



**BEFORE**



**AFTER**



**BEFORE**



**AFTER**



**Innosoft B570** is a special deep cleaner that removes contamination such as oxides/rust from stainless steel surfaces in a single operation.

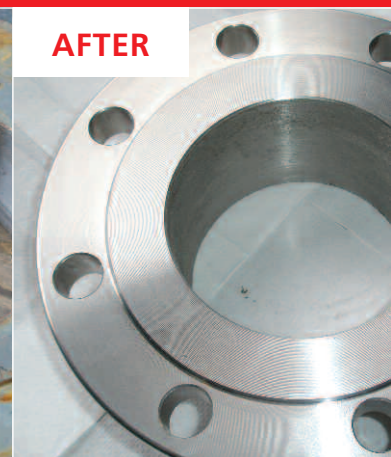
It is a white viscous liquid based on organic acids and surface active agents and does not contain abrasives. It is suitable for the intensive cleaning of contaminated surfaces like flash rust and rusty areas, also known as 'tea-stains'. It is not a pickling agent because it does not attack the metal. It is therefore non-aggressive for metals but very effective on oxides and dirt.

**Innoprotect B580** completely removes any residues left after the use of **Innosoft B570** and passivates the surface which helps to prevent further corrosion.

Due to the deep-cleaning characteristics of **Innosoft B570**, the danger of 'under-deposit corrosion' of stainless steel is also reduced. This form of corrosion occurs under deposits because oxygen access is limited. This is particularly important in Chloride environments such as marine applications. Ground or polished surfaces are also more susceptible to this phenomenon.

### Other metals

Although **Innosoft B570** was originally developed for stainless steel it has become apparent that it also gives good results on other metals like copper, aluminium and even plain steels. Common corrosion pits on aluminium are also effectively removed using this product.



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## Aalco Kits

Kits are available from Aalco comprising the following contents

Product	500ml Kit	250ml Kit	100ml Kit
Innosoft B570	500ml	250ml	100ml
Innoprotect B580	500ml	250ml	100ml
Application Sponge	1	1	1

### Instructions for using Innosoft B570

**Innosoft B570** is a white viscous liquid with an acidic pH of 3 containing organic acids and surface-active agents and is free from abrasive particles.

**Innosoft B570** should first be well shaken and then applied undiluted using a damp sponge or pad. For ground or polished finishes, the product should be applied in the same direction as the brushing, grinding, polishing or abrading.

The loosened dirt and or oxide might cause light scratching, particularly on polished surfaces and this should therefore be carefully removed with water or a damp cloth. In this case only light pressure should be used in order to prevent any dirt becoming lodged in surface discontinuities. It is preferable to follow up with use of the basic cleaner **Innoprotect B580** which as well as being neutral, also leaves a passive layer minimising the danger of any subsequent corrosion.

It is recommended that waterproof gloves are worn whilst using the product. A Material Safety Data Sheet in line with 1907/2006/EC article 31 is available on request.



**BEFORE**



**AFTER**



### Instructions for using Innoprotect B580

This neutral (pH 6.5) and mild cleaner can successfully be used in combination with **Innosoft B570**. As well as its cleaning action in removing the loosened oxides and contaminants, this product will also passivate the surface to minimise further corrosion. It is also suitable for the everyday cleaning of lightly soiled surfaces that have previously been treated with **Innosoft B570**.

This cleaner should ideally be used to remove oxides and dirt released by prior usage of **Innosoft B570**. By the generous use of the diluted cleaner, all the contamination is washed away. After drying it will immediately be evident if there is any remaining residue in discontinuities or on the surface if a light shading is observed. The cycle should be repeated until the surface is completely clean.

### Dilution

Dilute 400ml in 1000ml of cold water.

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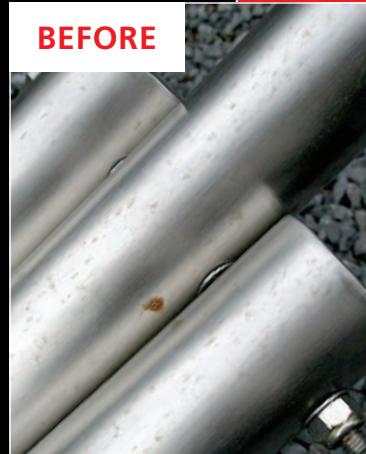
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**BEFORE**



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