

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.

Innoclean 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.

### 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 Innoclean B560 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.

### INNOCLEAN 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:

400ml in 1000ml of cold water.

### CONTACT

|                 |                                                                                                                        |
|-----------------|------------------------------------------------------------------------------------------------------------------------|
| <b>Address:</b> | Please make contact directly with your local service centre, which can be found via the Locations page of our web site |
| <b>Web:</b>     | <a href="http://www.aalco.co.uk">www.aalco.co.uk</a>                                                                   |

### REVISION HISTORY

|                          |                |
|--------------------------|----------------|
| <b>Datasheet Updated</b> | 07 August 2018 |
|--------------------------|----------------|

### DISCLAIMER

This Data is indicative only and as such is not to be relied upon in place of the full specification. In particular, mechanical property requirements vary widely with temper, product and product dimensions. All information is based on our present knowledge and is given in good faith. No liability will be accepted by the Company in respect of any action taken by any third party in reliance thereon.

Please note that the 'Datasheet Update' date shown above is no guarantee of accuracy or whether the datasheet is up to date.

The information provided in this datasheet has been drawn from various recognised sources, including EN Standards, recognised industry references (printed & online) and manufacturers' data. No guarantee is given that the information is from the latest issue of those sources or about the accuracy of those sources.

Material supplied by the Company may vary significantly from this data, but will conform to all relevant and applicable standards.

As the products detailed may be used for a wide variety of purposes and as the Company has no control over their use; the Company specifically excludes all conditions or warranties expressed or implied by statute or otherwise as to dimensions, properties and/or fitness for any particular purpose, whether expressed or implied.

Advice given by the Company to any third party is given for that party's assistance only and without liability on the part of the Company. All transactions are subject to the Company's current Conditions of Sale. The extent of the Company's liabilities to any customer is clearly set out in those Conditions; a copy of which is available on request.

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# STAINLESS STEEL CLEANING & PASSIVATION KIT

Removes oxides and rust  
contamination from  
Stainless Steel surfaces



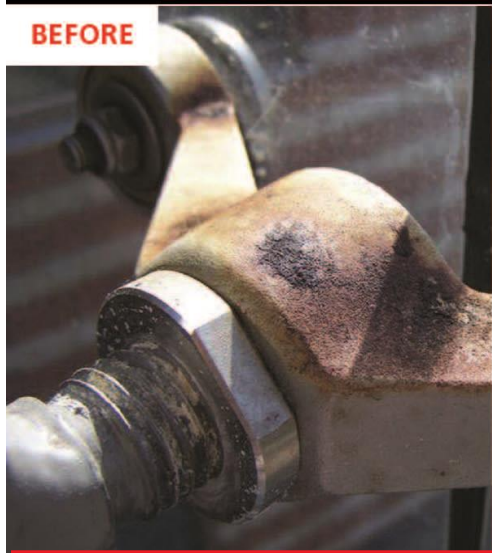
**BEFORE**



**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.

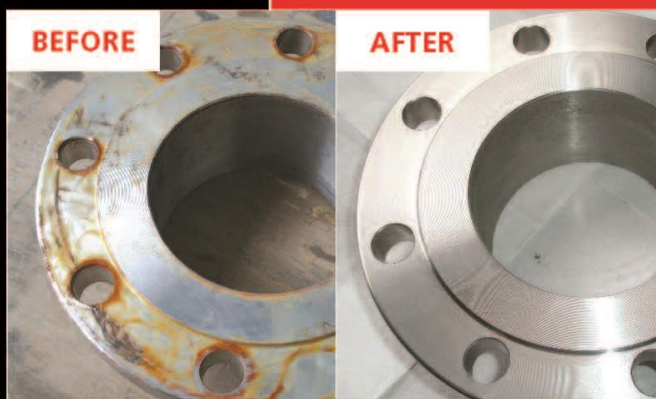
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**Innoprotect B580** completely removes any residues left after the use of **Innosoft B570** and passivates the surface which helps to prevent further corrosion.

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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Before & after treatment  
with **Innosoft B570**

[5 of 5] CONTINUED ➔



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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         |

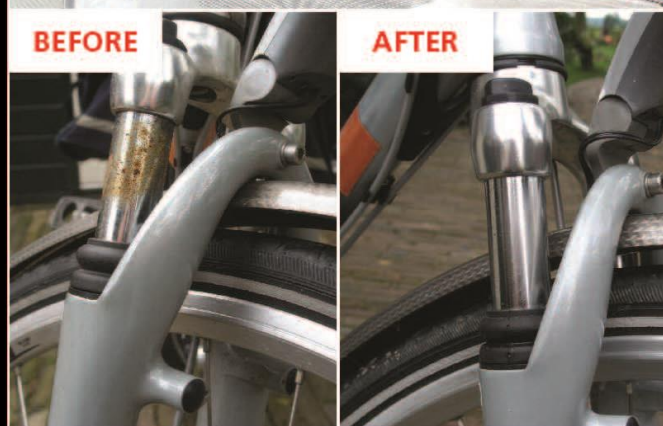
### Instructions for using Innosoft B570

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.

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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.



### 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.



Stainless Steel  
Innosoft - Innoclean - Innoprotect

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[ OF 5 ]