

You will find the Tannin based treatments are a better choice for your steam cars. (UK steam railways use Accepta products)

Here is the list:

## Boiler Water Treatment Chemicals

**Boiler Water Treatment** - Accepta's extensive range of traditional and technically advanced [boiler water treatment](#) chemicals have been specifically developed to be used across a range of *process and industrial boiler treatment* applications. Accepta's superior quality boiler products and specialist additives focus on improving the operational efficiency of steam boilers, industrial boilers and process systems by offering ready made solutions to the problems associated with such installations; namely scale formation, corrosion, boilerwater carryover and sludge deposition.

Accepta's range of chemical treatments includes traditional and novel *oxygen scavengers, scale and corrosion inhibitors, condensate line treatments, pH adjusters, antifoams and sludge control agents.*

Our range of both traditional and technically advanced products includes the following:

### Oxygen Scavengers

- **Tannin Scavenger** - Accepta 2012 is not dependant on the feed-water temperature and being organic it does not add to the boiler water conductivity so reducing the need for blowdown (compared with sulphite) ... [tannin oxygen scavenger >>](#) Technically Advanced Solutions
- **DEHA** - Accepta 2061 provides outstanding protection from oxygen corrosion along with excellent feed-water and boiler system passivation. It can be used as a replacement for hydrazine in any boiler up to 125 bar without the associated safety hazards and handling precautions. Accepta 2061 is volatile and alkaline, contributing no dissolved solids or ammonia to the boiler system ... [DEHA >>](#)
- **Carbohydrazide** - Accepta 2065 is an organic corrosion inhibitor used for scavenging oxygen and passivating metal surfaces. It can be used as a direct replacement for hydrazine in any boiler without the associated safety hazards and handling precautions. It can be used in boilers of any pressure, up to and including supercritical (220 bar g), and can be fed into feed-waters used for spray attemperation ... [carbohydrazide >>](#)
- **Catalysed Sodium Sulphite** - Accepta 2072 is an efficient catalysed sodium sulphite product used to absorb oxygen in steam boiler systems. Dose ideally to feed tank to allow time for the oxygen to be absorbed before entering the steam boiler ... [catalysed sodium sulphite >>](#)
- **Multifunctional Sulphite** - Accepta 2079 is an excellent multifunctional product developed for boilers and boiler water systems. Accepta 2079 contains catalysed bisulphite, for rapid and complete oxygen scavenging, phosphates for the control of precipitation, and powerful antiscalants and dispersants to mobilise hardness or iron oxide sludges and prevent thereby prevent scale ... [multifunctional >>](#)
- **Powdered Sulphite (Inorganic)** - Accepta 2082 is an excellent, traditional catalysed, non-volatile, inorganic boiler water oxygen scavenger in powdered form. Accepta 2082 was developed for use in boiler systems operating at pressures of up to 60 bar g. ... [inorganic sulphite >>](#)
- **Novel Oxygen Scavenger plus Polymer** - Accepta 2084 is an advanced, non-volatile, organic corrosion inhibitor with additional polymer, developed for scavenging oxygen and passivating metal surfaces in boiler systems. Accepta 2084 is based on erythorbic acid ... [novel oxygen scavenger plus polymer >>](#)
- **Multifunctional Treatment** - Accepta 2088 is a very versatile, tannin based multi-functional water treatment

product developed for use in boilers and closed circuit heating systems. Accepta 2088 also contains caustic for pH correction and carbonate for hardness control ... [multifunctional](#) >>

- **Multifunctional Treatment** - Accepta 2089 is a very versatile, combined tannin and carbonate based multi-functional water treatment product developed for use in boilers and closed circuit heating systems ... [multifunctional](#) >>
- **Sulphite with Alkalinity Builder** - Accepta 2097 is a superior quality sulphite based water treatment product with added caustic, developed for use in steam boiler applications ... [sulphite plus alkalinity builder](#) >>
- **Carbohydrazide** - Accepta 2104 is an innovative carbohydrazide, condensate line treatment developed for use as a corrosion inhibitor in steam and condensate systems. Accepta 2104 may be used at temperatures up to 500°F [260°C]. Accepta 2104 contains high, medium and low volatility amines which provide effective neutralisation of acidic gases, such as CO<sub>2</sub>, throughout a condensate system ... [carbohydrazide](#) >>
- **Steam Boiler Tannin** - Accepta 2319 is a superior, blended liquid water treatment product based on organic tannins, polymer sludge, conditioners and alkali. Developed for steam boilers and LPHW systems, Accepta 2319 can be used with softened or moderately hard make-up, and in many instances provides a complete balanced treatment by itself ... [steam tannin](#) >>
- **Tannin** - Accepta 2320 is an excellent, blended liquid treatment for the control of scale and corrosion in steam boiler systems. Accepta 2320 is based on organic tannin, polymer sludge conditioners and alkali ... [multifunctional tannin](#) >>

## Corrosion Inhibitors

- **Caustic Based pH Adjuster** - Accepta 2013 is an excellent, concentrated sodium hydroxide (40%) based product for use as pH adjuster in boiler water treatment ... [caustic pH adjuster](#) >>
- **Tannin** - Accepta 2319 is a superior, blended liquid water treatment product based on organic tannins, polymer sludge, conditioners and alkali. Developed for steam boilers and LPHW systems, Accepta 2319 can be used with softened or moderately hard make-up, and in many instances provides a complete balanced treatment by itself ... [tannin](#) >>
- **Neutralising Amine** - Accepta 2018 is a superior cyclohexylamine based neutralising amine condensate line treatment for boilers. Accepta 2018 is suitable for use up to 2400psig. Accepta 2018 is FDA Regulation 21 CFR 173.310 compliant ... [neutralising amine](#) >>
- **Multi-Functional Polyamine Single Shot Treatment** - Accepta 2062 is a superior quality, multi-functional, polyamine based single shot product developed specifically for the treatment of steam boiler systems ... [multifunctional polyamine](#) >>
- **Steam Boiler Tannin** - Accepta 2320 is an excellent, blended liquid treatment for the control of scale and corrosion in steam boiler systems. Accepta 2320 is based on organic tannin, polymer sludge conditioners and alkali ... [steam system tannin](#) >>
- **Tannin Scale/Corrosion Inhibitor for Steam Boilers and LPHW Systems** - Accepta 2319 is a superior, blended liquid water treatment product based on organic tannins, polymer sludge, conditioners and alkali. Developed for steam boilers and LPHW systems ... [tannin scale/corrosion inhibitor](#) >>
- **Tannin Scale/Corrosion Inhibitor for Steam Boiler Systems** - Accepta 2320 is an excellent, blended liquid treatment for the control of scale and corrosion in steam boiler systems. Accepta 2320 is based on organic tannin, polymer sludge conditioners and alkali ... [tannin scale/corrosion inhibitor](#) >>

## Scale Inhibitors

- **Phosphate Boiler Water Treatment (Food Safe)** - Accepta 2015 is particularly effective against calcium sulphate and calcium silicate. This product commplies with FDA regulations for steam that comes into contact with food. As 2015 does not discolour boiler water it is also useful in situations where coloured boiler water carry over may be problematic ... [food safe phosphate >>](#)
- **Combined Phosphate and Polymer Treatment for Steam Boiler Systems** - Accepta 2016 can be used in steam boiler systems up to 1500psi g. and acts as a combined antiscalant and suspended solids control agent. This product is excellent for softened and low hardness water. The phosphate reacts with the hardness whilst the polymer provides transport of calcium, magnesium, iron, phosphate and silica through the boiler, preventing scales adhering to metal surfaces ... [combined phosphate polymer >>](#)
- **Multi-Functional Polyamine Single Shot Treatment** - Accepta 2062 is a superior quality, multi-functional, polyamine based single shot product developed specifically for the treatment of steam boiler systems ... [multifunctional polyamine >>](#)
- **Multifunctional Tannin Treatment** - Accepta 2088 is a very versatile, tannin based multi-functional water treatment product developed for use in boilers and closed circuit heating systems. Accepta 2088 also contains caustic for pH correction and carbonate for hardness control ... [multifunctional tannin >>](#)
- **Multifunctional Tannin Treatment** - Accepta 2089 is a very versatile, combined tannin and carbonate based multi-functional water treatment product developed for use in boilers and closed circuit heating systems ... [multifunctional tannin >>](#)
- **Sulphamic Acid Descaler and Cleaner with Inhibitor** - Accepta 2316 is a highly active cleaning agent and descaler based on sulphamic acid. Accepta 2316 is also supplied with a special film forming inhibitor to protect mild steel, stainless steel, copper and brass against acid attack ... [sulphamic acid descaler and cleaner >>](#)
- **Hydrochloric Acid Descaler with Film Forming Inhibitor** - Accepta 2317 is a highly active cleaning agent and descaler based on hydrochloric acid. Accepta 2317 also includes a special film forming inhibitor to protect carbon steel, copper and brass against acid attack ... [hydrochloric acid descaler and inhibitor >>](#)
- **Scale Dispersant/Sludge Conditioner for Steam Boilers and Cooling Systems** - Accepta 2318 is a superior water treatment product comprising a specially blended mixture of polymeric sludge conditioners developed for use in steam boilers and cooling water systems ... [scale dispersant and sludge conditioner >>](#)
- **Tannin Scale/Corrosion Inhibitor for Steam Boilers and LPHW Systems** - Accepta 2319 is a superior, blended liquid water treatment product based on organic tannins, polymer sludge, conditioners and alkali. Developed for steam boilers and LPHW systems ... [tannin scale and corrosion inhibitor >>](#)
- **Tannin Scale/Corrosion Inhibitor for Steam Boiler Systems** - Accepta 2320 is an excellent, blended liquid treatment for the control of scale and corrosion in steam boiler systems. Accepta 2320 is based on organic tannin, polymer sludge conditioners and alkali ... [tannin scale and corrosion inhibitor >>](#)

## pH Adjusters

- **Caustic Based pH Adjuster** - Accepta 2013 is an excellent, concentrated sodium hydroxide (40%) based product for use as pH adjuster in boiler water treatment ... [caustic pH adjuster >>](#)
- **Sulphite with Alkalinity Builder** - Accepta 2097 is a superior quality sulphite based water treatment product with added caustic, developed for use in steam boiler applications ... [sulphite with alkalinity builder >>](#)
- **25% Caustic pH Adjuster** - Accepta 2098 is a superior quality, 25% caustic based product that can be used as a

pH adjuster for steam boilers, effluent systems or any other process requiring pH adjustment ... [caustic pH adjuster >>](#)

- **Polymer/Caustic Boiler Treatment** - Accepta 2115 is a superior treatment product for boilers and boiler systems. Accepta 2115 comprises a liquid formulation containing an alkali and effective sludge conditioner ... [polymer caustic >>](#)
- **Alkalinity Builder** - Accepta 2307 is an excellent, strong alkaline boiler water treatment developed for use in the control of feedwater pH, neutralising any acid present and contributing to alkalinity levels ... [alkalinity builder >>](#)
- **Alkalinity Builder** - Accepta 8160 is a superior quality low freezing point alkalinity/pH builder ... [alkalinity builder >>](#)

## Anti-Foams

- **Anti-foam for Steam Boilers** - Accepta 2017 has been developed for steam boiler applications and prevents boiler water carryover due to foaming ... [steam anti-foam >>](#)

## Sludge Conditioners

- **Polymer Sludge Control** - Accepta 2014 is a versatile polymer based product developed as a steam boiler scale inhibitor and internal metal passivator. Accepta 2014 can also be used in systems up to 70 bar g.(1000psi) and complies with FDA regulations. It is best to use this product on clean boilers as it may remove existing scale deposits ... [polymer sludge control >>](#)
- **Combined Phosphate and Polymer Treatment for Steam Boilers** - Accepta 2016 has been developed to be used as a scale inhibitor and suspended solids control agent. This product is best for softened and low hardness water. The phosphate reacts with the hardness whilst the polymer provides transport of the calcium, magnesium, iron, phosphate and silica, preventing scales adhering to the metal surfaces ... [phosphate polymer >>](#)
- **Multifunctional Sulphite for Boilers** - Accepta 2079 is an excellent multifunctional product developed for boilers and boiler water systems. Accepta 2079 contains catalysed bisulphite, for rapid and complete oxygen scavenging, phosphates for the control of precipitation, and powerful antiscalants and dispersants to mobilise hardness or iron oxide sludges and prevent thereby prevent scale ... [multifunctional sulphite >>](#)
- **Polymer/Caustic Boiler Water Treatment** - Accepta 2115 is a superior treatment product for boilers and boiler systems. Accepta 2115 comprises a liquid formulation containing an alkali and effective sludge conditioner ... [polymer caustic >>](#)
- **Sludge Conditioner** - Accepta 2311 is a superior, blended liquid treatment developed as a sludge conditioner for the treatment of boiler waters. Accepta 2311 is based on sodium hexa-metaphosphate and polymeric sludge conditioners ... [boiler sludge conditioner >>](#)
- **Scale Dispersant/Sludge Conditioner for Steam Boilers and Cooling Systems** - Accepta 2318 is a superior water treatment product comprising a specially blended mixture of polymeric sludge conditioners developed for use in steam boilers and cooling water systems ... [scale dispersant and sludge conditioner >>](#)

## Own Label Services

Accepta's own/white label services offer you the opportunity of having our high quality, manufactured products branded as your own. All Accepta products can be re-branded with your company name, logo, contact details, and more included on each consignment and, if required delivered direct to a site of your choice with your own delivery paperwork. If you would like to learn more about our specialist own/white label services please call us on **+44 (0) 161 877 2334** or e-mail

[info@accepta.com](mailto:info@accepta.com).

#### **Additional Information & Technical Support**

For further information, technical support and advice please call Accepta on **+44 (0) 161 877 2334** or e-mail [info@accepta.com](mailto:info@accepta.com). For additional products, specifications, product data and MSDS's please review our [products](#) pages.