

ARCHOIL AR5100 RUST REMOVER

TECH SHEET

HIGHLY CONCENTRATED INDUSTRIAL GRADE RUST AND OXIDATION REMOVER

AR5100 is an industrial grade pH neutral (not acidic) rust and oxidation remover that quickly and effectively removes even the heaviest corrosion from metals. AR5100 is highly concentrated and must be mixed with 15 parts of water to activate.

16oz (473ml) bottle



FEATURES AND BENEFITS

- Works on ferrous and non-ferrous metals
- Brightens copper and other copper based alloys
- Fast-acting (Results in as little as 15 minutes)
- Non-flammable and non-toxic
- Re-use many times before chemistry depletes



REMOVES EVEN THE HEAVIEST CORROSION FROM METALS

Use AR5100 to remove rust from auto parts, tools and more. AR5100 is very effective for restoring corroded fuel tanks and radiators which can be filled with the solution, for example.



USE ON STEEL, IRON, BRASS, COPPER, CHROME AND OTHER METALS AND ALLOYS

AR5100 removes corrosion from most metals while leaving most other materials - (plastic, rubber, paint etc.) unharmed.

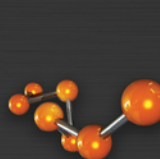


AR5100 GETS TO WORK IN AS LITTLE AS 30 MINUTES

AR5100 works very quickly, upon exposure you will very quickly see oxidation falling off the surface of the rusted item.

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archoil[®]
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REMOVES RUST INSTEAD OF CONVERTING IT

AR5100 is not a rust converter, AR5100 completely removes all rust from corroded metal leaving a surface ready to prepare for painting or welding.



EASY TO WORK WITH

AR5100 is PH neutral (not acidic) and is not toxic. AR5100 solution can be reused many times until its chemistry is depleted. AR5100 will not harm most plastics, rubbers and paints (test on concealed surface before use).



METAL OXIDES PULLED FROM THE SURFACE BY STRONG BOND

AR5100 works through a process called chelation in which a large synthetic molecule forms a strong bond with metal oxides (rust), but not with the host metal, and then pulls the rust from the surface.



IMPORTANT

AR5100 will work at temperatures between 65F and 160F, if the solution is too cold it will not be effective. AR5100 will remove bluing and galvanization. AR5100 will change the finish on high carbon steel to a dark patina. Immersion tanks and other containers used to store the mixed solution must be constructed of stainless steel or other corrosion resistant materials.

INSTRUCTIONS FOR USE

1

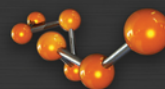
Mix 1 part of AR5100 with 15 parts water. You can add 8 oz of AR5100 concentrate to a 1 gallon container and fill the rest with water to create a 15:1 solution. Use hot water (120F+) to decrease the amount of time needed to remove oxidation. You must mix AR5100 with water to activate the chemistry. Mixing AR5100 with less than 15 parts water will not make it more effective.

2

Immerse item in AR5100 solution until all oxidation is removed. You may also add AR5100 to pressure washers. The solution will change color as it removes rust from the item, this does not mean the solution is spent, you can reuse the AR5100 solution many times until it is no longer effective.

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