

# CORIUM Z10R-R Liquid Rust Remover & Passivator

Corium Z10 R-R (Rust Remover) is a fully concentrated, liquid rust remover and oxidation inhibitor, designed to replace, dangerous muriatic, sulphuric and hydrochloric acids. Corium Z10 R-R does not require that treated surfaces be neutralized after treatment, unlike other commonly used acids, and passivates these surfaces to inhibit further rusting. (Some low quality ferrous surfaces may tend to oxidize rapidly after treatment with Corium Z10 R-R. Wash off Corium Z10 R-R and treat such surfaces with Corium Z127 penetration oil.)

Corium Z10 R-R immediately reacts with existing rust and rapidly removes even deeply-encrusted rusting efficiently. Generally, no post application treatment is required, which eliminates a costly and time-consuming step that is necessary with ordinary rust removal compounds.

## RUST INHIBITING ACTION

With ordinary rust removers, great care must be exercised in the handling and application. After applying, all treated surfaces have to be carefully rinsed of even the minutest amounts of rust remover. Ordinary rust removers can remove rust but, just as quickly, the strongly acid reaction will promote further rusting. Normally, a highly time-consuming post treatment clean-up must be carried out immediately.

Corium Z10 R-R however acts quickly to remove the existing rust and actually forms a microscopic "rust barrier" on treated surfaces and protects them from the further onset of rust. This unique 2-in-1 action of Corium Z10 R-R can save countless hours of equipment downtime in de-rusting procedures.

## IN-BUILT SAFETY FACTORS

Corium Z10 R-R is completely non-flammable and can therefore be used on or near operating equipment. It will not give off any obnoxious odors and will not fume. Short-term, incidental contact with hands or skin is not normally critical although a thorough rinsing of affected parts with clean water is normal routine.

## FULLY CONCENTRATED FOR ECONOMY IN USE

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Corium Z10 R-R, unlike other rust removing compounds, comes fully concentrated and should be diluted with clean water for normal applications. Only in the case of extremely deep-seated rusting, should Corium Z10 R-R at full strength, be considered for use.

## HOW TO APPLY

### SURFACE PREPARATION

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Rust scaling, loose rust 'grains' and other surface contamination (paints, grease, oil or grit) should be removed by wire-brushing, sanding or scraping prior to applying Corium Z10 R-R. This will enable Corium Z10 R-R to work at maximum efficiency on the 'ingrained' rusting.

### APPLICATION

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Corium Z10 R-R is extremely versatile in application. It can be applied equally well with a brush for localized rust spots; through a spray gun for maximum coverage; or by using a roller. Small parts can also be dipped in Corium Z10 R-R for total rust removal.

Pitted or areas that present difficult access should receive special attention when applying Corium Z10 R-R to ensure complete coverage.

- (1) Lightly rusted parts or surfaces can be treated with a diluted Corium Z10 R-R solution in the ratio 1 part Corium Z10 R-R to 2 parts water.
- (2) For medium or surface rust applications, Corium Z10 R-R should be diluted in the ratio 1 part Corium Z10 R-R to 1 part water.
- (3) For extremely ingrained and deep-seated or heavily rusted applications, use Corium Z10 R-R at full strength. Especially difficult to remove rusted areas may require full strength re-application after 45 minutes.

### POST-APPLICATION

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No neutralizing is required as Corium Z10 R-R leaves a rust inhibiting coat on

treated parts that will retard future rusting.

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