

## LRS LIQUID RUST STRIPPER CLEANING FORMULA

### APPLICATIONS AND USE

Branson Liquid Rust Stripper Concentrate is a double-chelated, highly caustic, non-foaming cleaner and degreaser.

Branson Liquid Rust Stripper is used for derusting and descaling of ferrous metals. It is used for paint stripping, degreasing, mold cleaning and heavy-duty cleaning in the metal, petroleum, food and transportation industries. Heavy greases, oils, and carbonaceous soils are readily removed from internal combustion engine parts and components. Light to medium scale can be removed from titanium. LRS will attack active metals like aluminum or magnesium.

Excellent for use with ultrasonics for cleaning of automotive, aerospace, components, and removal of carbonized and greasy soils in CIP applications, cleaning of food processing equipment and bottle washing. Spent solution should be neutralized and disposed of in accordance with local, state, and federal regulations.

### APPLICATION PROCEDURES

Branson Liquid Rust Stripper should be carefully mixed with cool water in a maximum concentration of 4-8 ounces per gallon. The prepared solution can be used over a temperature range of 160-180° F (72-93° C) in industrial cleaning tanks. Optimum cleaning performance is achieved at the higher end of the solution temperature range.

Tanks, heating coils, immersion heaters, and any other system components, which will be exposed to the solution, must be fabricated from a suitable stainless steel alloy.

It is imperative that the solution be allowed to "degas" at operating temperature for a minimum of 10 minutes prior to placing the parts into the cleaning solution. It is best if ultrasonic energy is applied during this time to enhance degassing. Thorough rinsing is suggested for removal of cleaning solution. As with any process involving water, drying should be considered as the final step.

### CHEMICAL CHARACTERISTICS

Chemical Composition:	Double-chelated, highly caustic non-foaming liquid alkaline cleaner.	Biodegradable:	No
		Normal Concentration:	6-8 oz. per gallon
		Normal Temperature:	160-180° F
Flash Point:	None	pH at Rinse Temperature:	13
Recommended Diluent:	Water	Rinsability:	Fair

*See the MSDS for further information*

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