

338



SUPER RUST REMOVER

Description

Chesterton® 338 Super Rust Remover is an outstanding acid based rust removal and conditioning system for all materials subject to oxide formation including ferrous metals, aluminum, copper, stainless steel and zinc.

Utilizing a proprietary blend of acids, detergents, and conditioners, the 338 Super Rust Remover not only creeps under and strips rust and corrosion from parts and equipment, it leaves a fine rust inhibiting film on the surface to prevent further flash rusting.

Chesterton 338 Super Rust Remover is excellent in the maintenance shop for the removal of rust from nuts and bolts, bearings, pump housings, valve interiors and exteriors, gears, shafts - virtually any metal part where mechanical removal of rust is impractical or could damage the surface. Chesterton 338 Super Rust Remover selectively removes rust and corrosion without damaging the base metal. It will penetrate and remove rust from the interior of parts that cannot be reached by mechanical methods.

Chesterton 338 Super Rust Remover can be found throughout industry in the maintenance shop and stockroom. It can often be found next to solvent wash stations and used as part of a complete metal cleaning and restoration system.

Composition

Chesterton 338 Super Rust Remover combines a highly concentrated acid base with special metal conditioners for optimum cleaning and short term protection of metals.

The special formula emulsifies and washes away any traces of light grease

Typical Physical Properties	
Appearance	Clear, colorless liquid
Base	Acidic
Specific Gravity 20°C (68°F)	1,3
Water Solubility	Complete
Flash Point	(ASTM D 93, DIN 51755) None

and oil which would interfere with its cleaning ability. Penetrants carry the product deep into rust and scale for maximum effectiveness.

Inhibitors are built into the product to protect base metals from acid attack after rust and scale is removed. These inhibitors minimize any possible acid-base metal reaction until the acid is flushed off and dries.

The passivating film that is left on metal surfaces after cleaning with Chesterton 338 Super Rust Remover is an absolute key feature in the product's performance in paint preparation applications. The film provides an excellent base for most primers and paints and provides a firm substrate for maximum adhesion.

Applications

Chesterton 338 Super Rust Remover can be used in any industrial, commercial and marine application where metal needs to be completely cleaned quickly, safely, easily and economically.

The product works especially well in metal prefinishing of vehicle bodies, chassis, appliances, machined parts, machine tool frames, sheet metal work etc.

Features

- Highly concentrated, acid base.
- Can be used on all metals.
- Completely dissolves rust, other corrosion, lime and scale.
- Forms a short term protective coating against corrosion.
- Prepares metal surfaces for excellent adhesion of paints.
- Brightens nonferrous metals.
- Biodegradable.

Directions

Add one part of the concentrated product to three parts of water by volume. Add acid slowly while mixing. Use acid resistant steel, earthenware crocks or other suitable mixing tanks. Remove heavy rust by wire brush or other mechanical means. Heavy grease should be removed with a degreasing solvent or mechanical equipment before use.

After proper dilution, apply by dip or brush. On clean metal surfaces to be prepared for painting, allow material to remain only long enough to wet the surface in order to etch and leave a phosphate deposit.

On rusted surfaces, allow material to remain long enough to loosen and remove the rust. Then rinse surface with water, preferably hot, and allow to dry thoroughly prior to application of paint or rust preventatives.

Dip:

Cycle 5 to 30 minutes depending on surface condition. Agitate if necessary. Rinse with water.

Brush:

Allow 5 to 30 minutes for penetration. Agitate with stiff bristle brush. Rinse with water. Repeat if necessary.

Food processing equipment:

Follow directions as above. Food materials or packages should be removed from area during cleaning of equipment. Rinse cleaned equipment with potable water.

Safety

Before using this product please refer to the Material Safety Data Sheet (MSDS) or appropriate safety sheet for your area.

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FORM NO. 074900

REV. 12/14