

# PRODUCT DATA

## RUST VETO® 65

### GENERAL PURPOSE RUST INHIBITOR FOR NONFERROUS METALS

**Rust Veto 65** mixes readily with water at room temperature. It forms a transparent solution with a slightly yellowish tint. **Rust Veto 65** does not contain mineral oil, phosphate, phenolics or nitrite, thereby minimizing disposal problems.

#### APPLICATION

Add to rinse tanks handling brass, copper, zinc, cadmium and aluminum parts. (**Rust Veto 65** should not be used with magnesium.)

Recommended as a corrosion inhibitor in water used for hydrostatic testing of equipment using nonferrous components. It can also be added to emulsion cleaners to increase their corrosion resistance, such as Cerfa-Kleens HST, CST, HPW, S-2 and S-3.

#### TYPICAL PHYSICAL PROPERTIES

Appearance, Neat	Slightly hazy, light yellow liquid
Specific Gravity	1.122
Pounds per Gallon	9.36
pH of 2% and 5% Solution	8.5
Appearance of 2% and 5% Solution	Transparent, yellow tint
Concentration*	2% minimum

**\*Concentration may be checked by refractometer.**



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**FILM REMOVAL**

Cerfa-Kleens HST, CST, HPW and CPW

**CORROSION TEST DATA**

2" x 4" test panels of the following metals immersed in a 2% solution of **Rust Veto 65** for four days at 130°F.

<b><u>Test Metal</u></b>	<b><u>ASTM Copper Corrosion Rating</u></b>
<b>2% Rust Veto 65 in tap water</b>	
Brass	1A (slight discoloration)
Copper	1B (light stain)
Zinc	1A (slight discoloration)
Cadmium	1A (slight discoloration)
Steel	Freshly Polished
Aluminum	2C (light tarnish)

**TYPICAL PERFORMANCE**

Customer manufactures a line of petroleum and chemical valves which are cast aluminum with cast iron, brass spring steel and low carbon steel parts. Various rubber compounds are also used as seals in the valve. After assembly, valves are immersed in water and air pressure is applied to check for valve function, sealing and porosity in the castings.

Serious rust problems resulted from inability to thoroughly dry the valves after pressure testing. All brush and spray products which were applied were totally ineffective, resulting in rust and poor functioning of the valve.

**Rust Veto 65** was used in the test medium and run at a concentration of 50 to 60:1 with water to maintain sufficient clarity for visual inspection for leaks.

After six weeks of production use, there is no visible effect on the various metals used in the valves and rust protection has been effective enough to allow customer to stop all post testing treatment.

**STORAGE/HANDLING/DISPOSABILITY**

No health or safety hazards exist when **Rust Veto 65** is stored, used and disposed of in accordance with instructions given on the Material Safety Data Sheet for this product.

**WARRANTY**

The information given here is considered to be correct and is offered for your consideration, investigation and verification. No warranties are expressed or implied since the use of our products is beyond our control. Statements concerning the use of Houghton products are not to be construed as recommending the infringement of any patent.

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