

PRODUCT DATA

RUST VETO® 2212

Rust Veto 2212 is an all synthetic aqueous base rust preventive, which has the features of a non-nitrited chemical rust inhibitor. It is recommended for use at 5% concentration. It forms a clear solution and is recommended for use on ferrous and nonferrous metals.

Rust Veto 2212 has many new properties which classifies it as a new and modern rust inhibitor.

- ◆ No oil - eliminates disposal problems common with water base preservation
- ◆ No nitrites - eliminates health hazard associated with this chemical
- ◆ Non-staining to brass or copper
- ◆ Hard water stable - solutions are stable in hard water, up to 500 ppm, while retaining rust protection

APPLICATION

- ◆ In rinse tanks following cleaning and heat treatment
- ◆ In hydrostatic testing solution
- ◆ To rinse off parts after machining operations



Houghton International Inc.

Madison and Van Buren Ave., P. O. Box 930, Valley Forge, PA 19482-0930
(610) 666-4000 Telefax (610) 666-1376

TYPICAL PHYSICAL PROPERTIES

Appearance	Clear, to slightly hazy fluorescent green liquid
Total Alkali	9.4 ± 0.5% as KOH
pH, 5% Solution	9.1 ± 0.2
Effect on Metals	Safe on all metals
Free Caustic	None
Phosphates	None
Solubility	Freely soluble
Operating Temperatures	Ambient to 135°F
Use Concentration	5% by volume

CONCENTRATION CONTROL (Titration)

1. Take 25 ml sample of material from tank
2. Fill buret with 0.1 N HCl
3. Add 4 to 6 drops methyl orange indicator to sample
4. Titrate to red end point and record ml of titrant
5. Calculation - ml of titrant divided by 4.3 = % concentration

SHELF LIFE

Approximately one (1) year

SHIPPING INFORMATION

Rust Veto 2212 is shipped in 55 U.S. gallon (208 liter) steel drums and in bulk.

SHIPPING CLASSIFICATION

Rust Preventive Compound - Liquid

STORAGE/HANDLING/DISPOSABILITY

No health or safety hazards exist when **Rust Veto 2212** 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.

EXPORT STATEMENT

This commodity and its technology are subject to the export control laws and regulations of the United States Government. Buyer agrees that it shall not make any disposition, by way of export, diversion, transshipment, re-export or otherwise, except as expressly permitted under United States law.

10/96