



Master STAGES™ NOCOR® S2

Water-soluble Corrosion Inhibitor

GENERAL DESCRIPTION

Master STAGES™ NOCOR® S2 is a synthetic, water soluble, ferrous corrosion inhibitor for short-term storage or shipment. Effective at concentrations from 3%–10% in water, it provides a very thin, water-soluble protective film.

ADVANTAGES

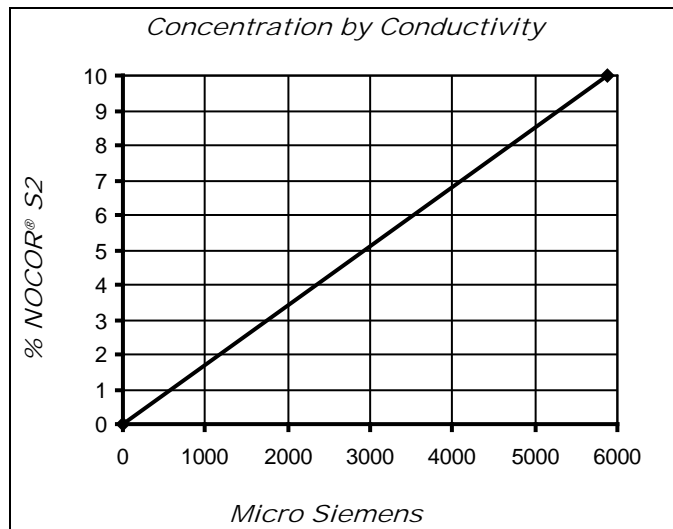
- The transparent film left by NOCOR S2 is easily removed and will not interfere with additional machining, gauging, or assembly steps
- Barium free and contains very low levels of volatile organic compounds as applied

APPLICATION GUIDELINES

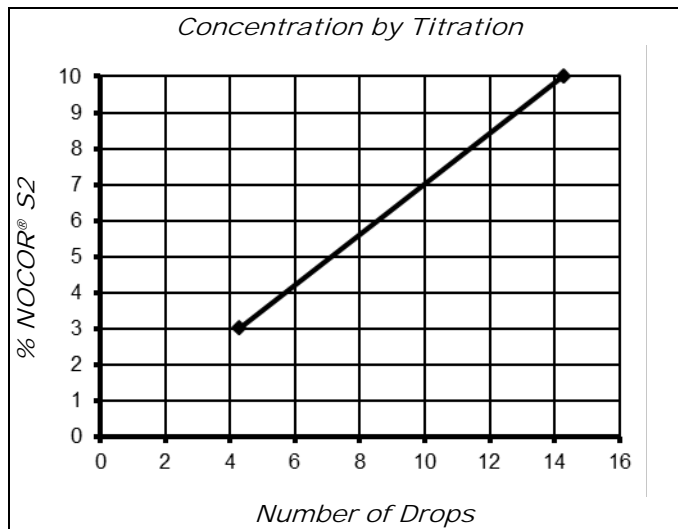
- NOCOR S2 can be applied by dip, spray, brush, or flow-coating.
- Since NOCOR S2 is low foaming, it is often applied as a final stage rinse in a spray or dip washing system.
- Concentrations of 3%–5% are generally used for two to four weeks indoor storage.
- Concentrations of 5%–10% are generally used for four to eight weeks indoor storage.
- As with all water soluble corrosion inhibitors, avoid stacking or packaging parts while still wet.
- For additional product applications information including performance optimization, please contact your Master Chemical Authorized Distributor at 2trim.us/distributors.php, your District Sales Manager, the Tech Line at 1-800-537-3365, or visit our web site at www.masterchemical.com.

PHYSICAL PROPERTIES (TYPICAL DATA)

| | | | |
|--------------------------------|---------------|---|-------------------------|
| Color (concentrate) | Clear, yellow | Flash Point (concentrate)..... | Nonflammable (ASTM D92) |
| Color (working solution) | Light yellow | pH (Typical Operating as a range) | 9.3-9.6 |
| Odor | Amine | Conductivity Factor | .0017 |
| Form..... | Liquid | Titration Factor (CL-1 Titration Kit) | 0.7 |



% Concentration = Conductivity in Micro Siemens x Factor
Conductivity Factor = .0017



% Concentration = No. of Drops x Titration Factor
Titration Factor = 0.7 One Vial

CHECKING CONCENTRATION

NOCOR S2 concentration may be checked by titration or conductivity.

TITRATION

Use Master STAGES Titration Kit CL-1, Indicator A, and one vial of working solution.

| | | | | | | | | |
|---------------|----|----|----|-------|-------|-------|-------|--------|
| Drops of Acid | 4 | 6 | 7 | 9 | 10 | 11 | 13 | 14 |
| % Product | 3% | 4% | 5% | 6.00% | 7.00% | 8.00% | 9.00% | 10.00% |

Titration Formula: Drops of Acid x 0.7 = % Concentration of NOCOR S2

MIXING INSTRUCTIONS

The recommended use concentration of NOCOR S2 is 3%–10% in water. No special mixing procedures are required. Add the required amount of concentrate to the required amount of water and stir until uniformly mixed.

HEALTH AND SAFETY

See the most recent SDS at 2trim.us/s/?i=1125-en-US-US.



NOTES

- Packaging: North America – 5-gallon pail, 54-gallon drum, 270-gallon tote bin.
- Packaging: Europe/Asia – 20-litre pail, 204-litre drum, and 1000-litre IBC.

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