Master STAGES™ NOCOR® S2

Water-soluble Corrosion Inhibitor

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.

Synthetics



Highly-concentrated and economical, Master STAGES™ synthetic corrosion inhibitors leave a thin, water soluble film to provide one-to-two months of rust and oxidation protection. Clean and very low foaming, Master STAGES synthetic corrosion inhibitors are barium-free with very low V.O.C. content.

Choose NOCOR S2:

- 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

NOCOR S2 especially for:

Applications — corrosion inhibition

Materials — ferrous metals

Industries — automotive and general industry

NOCOR S2 is free of — barium

Master Fluid SOLUTIONS®

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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 application information, including performance optimization, please contact your Master Fluid Solutions' Authorized Distributor at https://www.masterfluids.com/na/en-us/distributors/index.php, your District Sales Manager, or call our Tech Line at 1-800-537-3365.

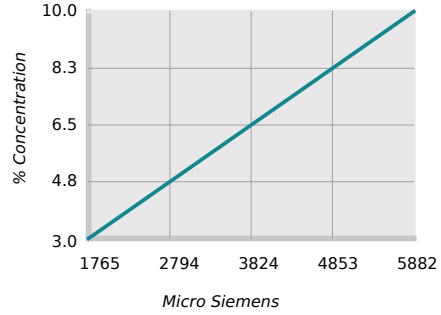
Physical Properties Typical Data

Color (Concentrate)	Clear
Color (Working Solution)	Light yellow
Odor (Concentrate)	Amine
Form (Concentrate)	Liquid
Flash Point (Concentrate) (ASTM D93-08)	> 210°F
pH (Concentrate as Range)	9.7 - 10.0
pH (Typical Operating as Range)	9.3 - 9.6
Coolant Refractometer Factor	2.0
V.O.C. Content (ASTM E1868-10)	173 g/l
Cleaner Conductivity Factor	0.00170
Titration Factor (CL-1 Titration Kit)	0.70
Number of Cleaner Vials (CL-1 Titration Kit)	1
Cleaner Indicator A or B (CL-1 Titration Kit)	A

Recommended Metalworking Concentrations

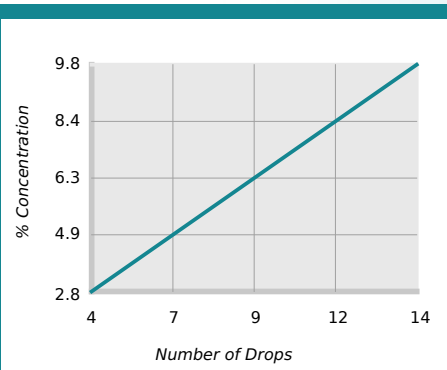
Design Concentration Range	3.0% - 10.0%

Concentration by Conductivity



% Concentration = Conductivity in Micro Siemens x Factor
Conductivity Factor = 0.00170

Concentration by Titration



% Concentration = No. of Drops x Titration Factor
Titration Factor = 0.70

Request SDS

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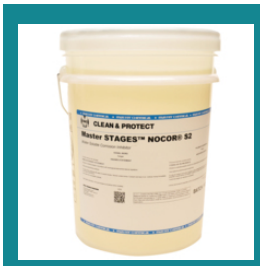
Mixing Instructions

- Recommended usage concentration in water: 3.0% - 10.0%.
- To help ensure the best possible working solution, add the required amount of concentrate to the required amount of water (never the reverse) and stir until uniformly mixed.



1-gallon jug
SKU: NOCORS2-1G
UPC-12: 641238043010



5-gallon pail
SKU: NOCORS2-5G
UPC-12: 641238042235



54-gallon drum
SKU: NOCORS2-54G
UPC-12: 641238042242



270-gallon tote
SKU: NOCORS2-270G
UPC-12: 641238042273

Additional Information

- Industrial use only
- Consult Master Fluid Solutions before using on any metals or applications not specifically recommended.
- This product should not be mixed with other metalworking fluids or metalworking fluid additives, except as recommended by Master Fluid Solutions, as this may reduce overall performance, result in adverse health effects, or damage the machine tool and parts. If contamination occurs, please contact Master Fluid Solutions for recommended action.
- Master STAGES™ is a trademark of Master Chemical Corporation d/b/a Master Fluid Solutions.
- The information herein is given in good faith and believed current as of the date of publication and should apply to the current formula version. Because conditions of use are beyond our control, no guarantee, representation, or warranty expressed or implied is made. Consult Master Fluid Solutions for further information. For the most recent version of this document, please go to this URL:

https://2trim.us/di/?i=na_en-us_NOCORS2

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