

# NOCOR<sup>®</sup> E6

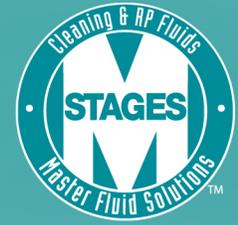
## Low V.O.C. Emulsion Corrosion Inhibitor Concentrate

Master STAGES<sup>™</sup> NOCOR<sup>®</sup> E6 is a super-concentrated, barium-free, water-based emulsion rust inhibitor that will protect steel, cast iron, and other ferrous parts from in-plant corrosion for up to six months. Parts coated with NOCOR E6 have a soft, almost invisible film that is easily removed using mild cleaners.

### Emulsions



*Protect metal parts from rust and oxidation for up to six months with super-concentrated, very economical Master STAGES<sup>™</sup> emulsion corrosion inhibitors. Barium-free with very low V.O.C. content, environmentally friendly Master STAGES emulsion corrosion inhibitors are built for low-pressure spray, immersion, and dip applications.*



### Choose NOCOR E6:

- Environmental approvals are simplified because NOCOR E6 is nitrite, barium, boron, phenol, and phosphate free
- NOCOR E6 is low foaming, for use in low-pressure spray washers and flow coating operations. Dip application is also a good way to apply this product
- An excellent choice where both ferrous and/or copper alloy parts are being processed
- NOCOR E6 has a moderate pH, is practically odorless, and is nonflammable for improved safety
- Working concentration ranges from 4% - 16% which translates into much lower cost than traditional straight oil/solvent products

### NOCOR E6 especially for:

**Applications** — dip, flow coating, low-pressure spray washing, and rust inhibition

**Metals** — cast iron, copper alloys, ferrous metals, and steels

**Industries** — automotive

**NOCOR E6 is free of** — barium, borates, nitrites, phenols, and phosphate

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### Application Guidelines

- NOCOR E6 must be diluted with water by the user. There are no special mixing requirements. DI or RO water will produce a more stable emulsion and better rust inhibition, but "soft" tap water may be used. The normal dilution range is from 4% - 16% product in water.
- NOCOR E6 working baths should not be heated above 120°F as this will reduce its effectiveness. Drying with hot air up to 250°F produces good results.
- Concentrations below 4% are not recommended.
- NOCOR E6 must be allowed to dry completely prior to stacking or packaging parts and must be drained from blind holes and recesses.
- Since carry over of cleaners into the NOCOR E6 bath can reduce resistance to wash-off, and so reduce protection, you should insert a plain water rinse between washing and NOCOR E6 application if possible.
- For additional product application information, including performance optimization, please contact your Master Fluid Solutions' Authorized Distributor at <https://www.2trim.us/distributors.php>, your District Sales Manager, or call our Tech Line at 1-800-537-3365.

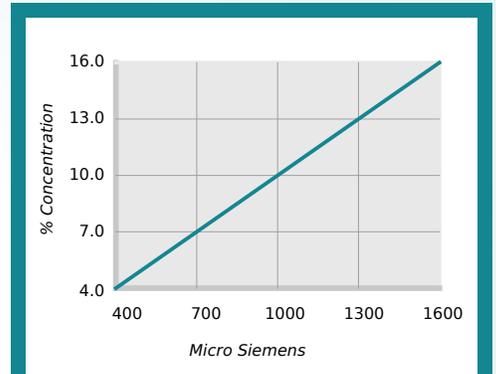
### Physical Properties Typical Data

Color (Concentrate)	Brown
Color (Working Solution)	White
Odor (Concentrate)	Mild
Form (Concentrate)	Liquid
Flash Point (Concentrate) (ASTM D93-08)	> 300°F
pH (Typical Operating as Range)	8.5 - 10.0
Coolant Refractometer Factor	1.2
V.O.C. Content (ASTM E1868-10)	133 g/l
Cleaner Conductivity Factor	0.01000

### Recommended Metalworking Concentrations

Design Concentration Range	4.0% - 16.0%
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### Concentration by Conductivity



% Concentration = Conductivity in Micro Siemens x  
Factor  
Conductivity Factor = 0.01000

### Health and Safety

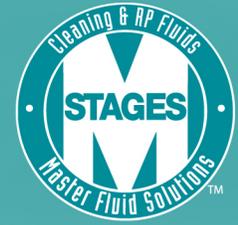
See the most recent SDS at

<https://2trim.us/s/?i=1124-0-en-US-US>



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### Mixing Instructions

- Recommended usage concentration in water: 4.0% - 16.0%.
- 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: NOCORE6/1  
UPC-12: 641238042310



5-gallon pail  
SKU: NOCORE6/5  
UPC-12: 641238042334



54-gallon drum  
SKU: NOCORE6/54  
UPC-12: 641238042358



270-gallon tote  
SKU: NOCORE6/NR270P  
UPC-12: 641238042389

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### Additional Information

- Before using on any metals or applications not specifically recommended, consult Master Fluid Solutions.
- 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.

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[https://2trim.us/di/?plr=NOCORE6\\*en-us\\*na](https://2trim.us/di/?plr=NOCORE6*en-us*na)



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