



Master STAGES™ NOCOR® E6

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

GENERAL DESCRIPTION

Master STAGES™ NOCOR® 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.

ADVANTAGES

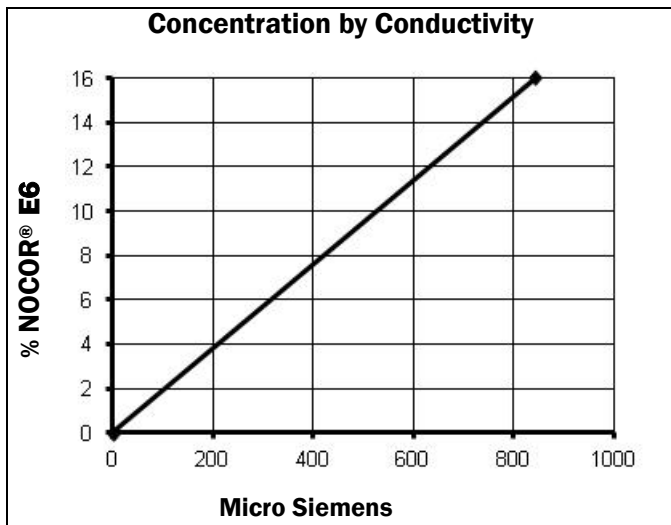
- Environmental approvals are simplified because NOCOR E6 is nitrite, barium, boron, phenol, and phosphate free
- NOCOR E6 is low foaming, for use in low-pressure spray washers and flow coating operations. Dip application is also a good way to apply this product
- An excellent choice where both ferrous 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

APPLICATION GUIDELINES

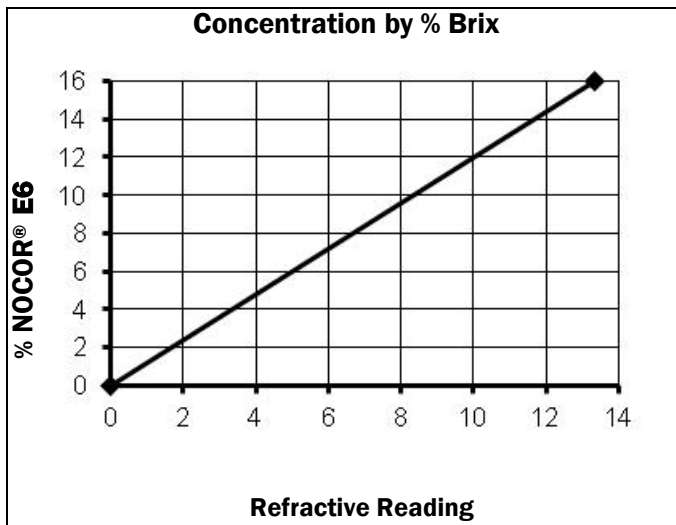
- NOCOR E6 must be diluted with water by the user. There are no special mixing requirements. DI or RO water will produce a more stable emulsion and better rust inhibition, but "soft" tap water may be used. The normal dilution range is from 4%-16% product in water.
- NOCOR E6 working baths should not 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 institute a plain water rinse between washing and NOCOR E6 application if possible.
- 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)

Form.....	Liquid	Flash Point.....	300°F (149°C) (COC)
Color (concentrate).....	Brown	V.O.C. Content	197 g/l
Specific Gravity (H ₂ O=1)	0.918	Typical Operating pH (as a range)	9.0-10.0
Odor.....	Mild	Coolant Refractometer Factor % Brix.....	1.2



% Concentration = Conductivity in Micro Siemens x Factor
 Conductivity Factor = 0.019



% Concentration = Refractive Reading x Refractive Factor
 Coolant Refractometer Factor % Brix = 1.2

CHECKING CONCENTRATION

NOCOR E6 concentration may be checked by refractometer.

MIXING INSTRUCTIONS

The recommended use concentration of NOCOR E6 is 4%-16% in water. Add the required amount of NOCOR E6 concentrate to the required amount of water; NEVER THE REVERSE and stir until uniformly mixed.

HEALTH & SAFETY

Avoid prolonged and/or repeated skin and inhalation contact with spray mist. See the most recent SDS at 2trim.us/s/?i=1124-en-US-US.



NOTES

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

The information herein is given in good faith and believed current as of the date of this Data & Information sheet 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 Chemical Corporation for further information. For the most recent version of this document, please go to this

URL: 2trim.us/di/?i=142.

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