



# PRODUCT INFORMATION

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EMERGENCY - MARTRON 704-289-1934  
**CHEMTREC 800-424-9300**

REF. # MFC-000050

## MARTRON E-308X ETCH

MARTRON E-308X ETCH IS A POWDERED COMPOUND

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### ADVANTAGES

- \*Removes scale, rust and organic soils in a one-tank operation
- \*Economical because of low consumption
- \*Not affected by hard water
- \*Free of corrosive fumes and vapor
- \*No attack on bases metal
- \*No hydrogen embrittlement
- \*Polypropylene equipment may be used.

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### APPLICATIONS

1. Removes rust and heat-formed scale from ferrous parts
2. Removes resins from mylar filters
3. Removes soil and paint from metal parts in preparation for painting
4. Strips paint
5. Chrome stripper from steel

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### OPERATING DATA

#### Solution makeup

Make up working solution as follows:

1. Fill tank 2/3 full with water and heat to 110°F (5°C)
2. Add weighed quantity of **Martron E-308X ETCH** compound to water slowly with constant agitation.  
**Caution:** Add **Martron E-308X ETCH** slowly to surface of solution to avoid splattering.
3. Add water to fill tank to operating level and heat to operating temperature.

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### OPERATING RANGES

1. **Chrome stripper oil, grease, paint removal**  
**Martron E-308X ETCH** 6 to 16 oz/gal (45 to 90 g/l)  
Solution temperature 180° to 190°F (82° to 88°C)  
Contact time 1 to 5 minutes

2. **Rust removal**  
**Martron E-308X ETCH** 2 to 3 lb/gal (240 to 360 g/l)  
Solution temperature 180° to 190°F (82° to 88°C)  
Contact time 15 to 40 minutes
  
3. **Heat-formed scale removal**  
**Martron E-308X ETCH** 1 to 3 lb/gal (120 to 360 g/l)  
Solution temperature 180° to 190°F (82° to 88°C)  
Contact time 15 minutes

**5****EQUIPMENT**

Mild steel tanks are suitable if the metal is sound. **Martron E-308X ETCH** will dissolve rust, so tanks and heating equipment should be carefully checked for rust spots or questionable welds before using.

Mild steel heating equipment may be used, but for longer equipment life, 300 series stainless steel or stress-relieved, heavy-gauge (12 gauge or 14 gauge) mild steel are preferred.

**6****SOLUTION MAINTENANCE**

Check **Martron E-308X ETCH** concentration with an alkaline test kit available from **Martron Inc.** For more accurate results, determine **Martron E-308X ETCH** concentration by titration analysis. Maintain working solution at proper concentration with required additions of **Martron E-308X ETCH** compound. When making additions, reduce solution temperature to 150° F (65° C) and add **Martron E-308X ETCH** very slowly to solution to prevent splattering.

**Standard Packages:**

450 LB /DRUM