



PRODUCT INFORMATION

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

REF. # MFC-000030

MARTRON E-308X SPECIAL

MARTRON E-308X SPECIAL IS A POWDERED COMPOUND

1 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
- *Mild steel equipment may be used
- *Phosphate-free

2 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

3 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 Special** compound to water slowly with constant agitation.
Caution: Add **Martron E-308X Special** slowly to surface of solution to avoid splattering.
3. Add water to fill tank to operating level and heat to operating temperature.

4 OPERATING RANGES

1. Chrome stripper oil, grease, paint removal

Martron E-308X Special	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 Special	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 Special	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 Special** 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**CONTROL**

1. Add 1ml sample of cleaner in an Erlenmeyer flask.
2. Add 25 ML. water.
3. Add 3 - 4 drops of Phenolphthalein Ind. (solution should be pink).
4. Titrate with 0.1N Hydrochloric Acid until color disappears (endpoint).
5. Calculate ml. of 0.1N Hydrochloric Acid X Factor (1.0) = Oz. Per gallon.

7**SOLUTION MAINTENANCE**

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

Standard Packages:

450 LB/DRUM