



# PRODUCT INFORMATION

MARTRON INC<sup>®</sup> PO BOX 309; MONROE, NC 28111 PH: (704) 289-1934; FAX: (704) 283-7400

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EMERGENCY - MARTRON 704-289-1934

**CHEMTREC 800-424-9300**

REF # MFC-000029

## MARTRON E-308 STRIPPER

MARTRON E-308 STRIPPER 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 scales from phosphate build up
3. Removes soil and paint from metal parts in preparation for painting
4. Strips paint
5. Chrome stripper from steel

### 3 OPERATING DATA

**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-308 Stripper** compound to water slowly with constant agitation.  
**Caution:** Add **Martron E-308 Stripper** 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

<b>Martron E-308 Stripper</b>	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**

<b>Martron E-308 Stripper</b>	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**

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

**Standard Packages:** 450 LB/DRUM