



PRODUCT INFORMATION

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DATE: MARCH 13, 2012

EMERGENCY - MARTRON 704-289-1934

CHEMTREC 800-424-9300

REF. # MFC-007535

MARTRON MS-R 1600

Chrome Fume Suppressant

Section 1: DESCRIPTION

Martron MS-R 1600 is an additive used in chromium plating solutions to suppress fumes and reduce the surface tension of the bath. **Martron MS-R 1600** produces a stable foam blanket which reduces misting while plating, reduces chromic acid losses, and minimizes the blowing of chromic acid mist in the plating area.

Product Feature

Produces a stable foam blanket

Reduces chromic acid drag-out

Minimizes the blowing of chromic acid

Customer Benefit

Reduces misting

Less chrome waste

Less chrome exhausted in the air and out mist the stacks

Section 2: PRODUCT USAGE

Sufficient **Martron MS-R 1600** should be added to the chromium plating bath to give a uniform foam blanket. Depending on the surface area of the tank, quantity of supplied current, and the degree of ventilation, the amount required to insure a dense foam blanket will vary. We suggest starting with 1 ounce per 100 gallons of plating solution. Observation of the foam blanket while applying current will determine whether additional **Martron MS-R 1600** is required. If fume suppression is not adequate, gradually add more **Martron MS-R 1600** until foam blanket is sufficient. Avoid excessive foam.

Section 3: SOLUTION CONTROL

Loss of **Martron MS-R 1600** is primarily due to drag out of the foam blanket. **Martron MS-R 1600** should be added in a sufficient quantity to maintain a stable foam blanket.

Section 4: SAFETY PRECAUTIONS

Always read the Safety Data Sheet (SDS) for any chemical product to ensure familiarity with the methods of safe handling and the health hazards associated with the product.

Section 5: NON-WARRANTY

The data contained in this bulletin is believed by **Martron Inc.** to be true, accurate and complete. Since, however, final methods of use of this product are in the hands of the customer and beyond our control, we cannot guarantee that the customer will obtain the results described in this bulletin, nor can we assume any responsibility for the use of this product by the customer in any process which may infringe the patents of third parties.