



PRODUCT INFORMATION

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

REF # - MFC-000510

MARTRON EBZ-4-L

Martron EBZ-4-L is a highly concentrated liquid alkaline cleaner that can be used primarily as an electro cleaner or as a light duty soak cleaner for steel, brass, copper and various precious metal alloys. **Martron EBZ-4-L** is not recommended for aluminum or zinc-based die castings. **Martron EBZ-4-L** is easy and economical to use. **Martron EBZ-4-L** can be added to hot cleaner solutions without fear of solution eruptions.

SECTION 1: PHYSICAL PROPERTIES

Color: Gray and brown liquid
Specific gravity: 1.28

SECTION 2: TYPICAL OPERATING PARAMETERS

Concentration: 5 to 30% by vol.
Temperature: 120° to 160°F
Time: 30 seconds to 5 minutes

SECTION 3: SOLUTION MAKE-UP

Fill tank 1/2 full of water and begin heating. Add required amounts of **Martron EBZ-4-L**. Bring solution to operating level with water and operating temperature.

SECTION 4: CONTROL

1. Pipette a 10 ML sample of cleaning solution into a 250ml flask.
2. Ad 50 ml of DI Water.
3. Add 6-8 drops of METHYL ORANGE IND.
4. Titrate with 1N SULFURIC ACID to a red end point.

SECTION 5: CALCULATION

Martron EBZ-4-L = ML OF 1N H²SO⁴ X FACTOR 1.8 = % BY VOLUME OF **Martron EBZ-4-L**

SECTION 6: CAUTION

Martron EBZ-4-L and its solutions are alkaline. Proper precautions should be exercised when handling. Refer to the Safety Data Sheet (SDS) for further specific precautionary information.

SECTION 7: DISCLOSURE

The information contained herein is based on data developed thoroughly laboratory and production described herein.