

MC 400

Alkaline Detergent

Technical Data

GENERAL DESCRIPTION

MC 400 is a silicate-free heavy-duty detergent for use in soak, ultrasonic cleaning and mass finishing systems. **MC 400** has a short term corrosion inhibitor. **MC 400** is to be used on steel, stainless steel and copper alloys.

MC 400 is excellent for removal of machining oils, polishing and lapping compounds.

NORMAL USE

This product is diluted with water before usage. Determine volume of tank before diluting.

For light-duty soil removal, mix **MC 400** at 3% to 5% with water.

For heavy-duty soil removal, mix **MC 400** at 8% to 12% with water.

Operation temperatures are 130° to 170° F.

ADVANTAGES

1. Water based cleaner.
2. Biodegradable.
3. Short term corrosion inhibitor.
4. Excellent removal of buffing, lapping, and drawing compounds.
5. Useful over a wide range of applications and operating conditions.
6. Excellent rinsability.

NORMAL CONTROL

Dropping Bottle Method (Test Kit available from Chautauqua Chemicals Co. – Part No. 4195)

1. Take a sample of **MC 400** solution from the bath with a beaker and allow to cool to room temperature.
2. Measure out 5 mL using the graduated sample bottle provided in the test kit.
3. Add 3 drops phenolphthalein indicator.
4. Add dropwise 0.12N sulfuric acid while counting the drops and swirling the solution.
5. Stop adding the drops when color changes from pink to colorless.
6. Calculation: Percent Concentration of **MC 400** = Drops of 0.12N H₂SO₄ x 0.10

Refractometer (Available from Chautauqua Chemicals Co.)

Calculation: Percent concentration of **MC 400** = Refractometer Reading x 3

HANDLING AND SAFETY CONSIDERATIONS

Consult MSDS sheet on this product for handling considerations, hazard information, and first aid procedures.

OTHER INFORMATION

No warranty, expressed or implied of merchantability fitness for a particular purpose or otherwise, is made. Buyer assumes all risk of use, storage and handling. Chautauqua Chemicals Company, Inc. shall not be made liable for any incidental or consequential damages arising directly or indirectly in connection with the purchase, storage, handling or disposal of this product.

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