

MC 205

Process Detergent
Technical Data

GENERAL DESCRIPTION

MC 205 is a medium-duty degreaser for use in ultrasonic and soak wash systems. **MC 205** can also be used in mass finishing applications. **MC 205** can be left on the parts for short-term corrosion protection and is safe for use on most metals.

NORMAL USE

This product is diluted with water before usage. Determine the proper ratio based on the volume of the tank.

For mass finishing operations or light to medium-duty soil removal, mix **MC 205** at 1% to 2% with water.

For heavy-duty soil removal, mix **MC 205** at 3% to 4% with water.

For soak applications, mix **MC 205** at 8% to 12% with water.

Operation temperatures are ambient to 160° F.

ADVANTAGES

1. Water based cleaner.
2. Biodegradable.
3. Useful over a wide range of application and operating conditions.
4. In-process corrosion protection.
5. Excellent rinsability.

NORMAL CONTROL

Hach® Alkalinity Test Kit Method (Model AL-TA, available from Chautauqua Chemicals Co.)

1. Take a sample of **MC 205** solution from the bath with a beaker and allow to cool to room temperature.
2. Measure out 10 mL using the graduated sample bottle provided in the test kit.
3. Add the Bromcresol Green-Methyl Red Indicator Powder Pillow to produce a blue-green solution.
4. Add dropwise 0.50N sulfuric acid while counting the drops and swirling the solution.
5. Stop adding the drops when color changes to an orange-pink color.
6. Calculation: Percent Concentration of **MC 205** = Drops of 0.50N H₂SO₄ x 0.625

HANDLING AND SAFETY CONSIDERATIONS

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

OTHER INFORMATION

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