

MC 660 LF

Alkaline Spray Detergent

Technical Data

GENERAL DESCRIPTION

MC 660 LF is a controlled, low foam, heavy-duty detergent for use in spray wash applications. It contains no chelants, glycol ethers, or other solvents. **MC 660 LF** is free rinsing and can be filtered to extend bath life. **MC 660 LF** is safe on ferrous and non-ferrous metals including aluminum.

NORMAL USE

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

For light-duty soil removal, mix **MC 660 LF** at 3% to 5% with water.

For heavy-duty soil removal, mix **MC 660 LF** at 5% to 8% with water.

Operating temperatures are 130° to 160° F.

This product may be used on aluminum substrates (could attack high grade alloys; 5150, 7175).

ADVANTAGES

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

NORMAL CONTROL

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

1. Take a sample of the **MC 660 LF** 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 660 LF** = Drops of 0.12N H₂SO₄ x 0.15

Free Alkalinity (Equipment available from Chautauqua Chemicals Co.)

1. Pipette a 10 mL sample into a 250 mL Erlenmeyer flask and allow to cool to room temperature.
2. Add 5 drops of phenolphthalein indicator.
3. Titrate with 0.10N hydrochloric acid until color changes from pink to colorless.
4. Calculation: Percent Concentration of **MC 660 LF** = mLs of 0.10N HCl x 1.8

Refractometer (Available from Chautauqua Chemicals Co.)

Calculation: Percent Concentration of **MC 660 LF** = Refractometer Reading x 4.2

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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