

# MC 520

Alkaline Detergent

*Technical Data*

## GENERAL DESCRIPTION

**MC 520** is a silicate-free heavy-duty detergent for use in soak and ultrasonic cleaning systems. It is safe for use on stainless steel, nickel, cobalt chrome, and titanium alloys. **MC 520** is excellent for removing polishing compounds and blast media from medical implants and instruments. It can also be used to remove general machine oils.

## NORMAL USE

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

For normal soil removal, mix **MC 520** at 2% to 10% with water.

Operating temperatures are 130° to 180° F.

## ADVANTAGES

1. Excellent removal of polishing compounds and blast media.
2. Useful over a wide range of applications and operating conditions.
3. Excellent rinsability.

## NORMAL CONTROL

**Analytical Method** (Equipment available from Chautauqua Chemicals Co.)

1. Pipette a 10 mL sample into a 250 mL Erlenmeyer flask.
2. Add 50 mL of distilled water.
3. Add 5 drops of phenolphthalein indicator.
4. Titrate with 0.5N hydrochloric acid until solution turns from pink to colorless.
5. Record the volume (mL) of acid used.
6. Calculation: Percent Concentration of **MC 520** = mLs of 0.5N HCl x 3.33

## HANDLING AND SAFETY CONSIDERATIONS

Consult product Safety Data Sheet for handling considerations, hazard information, and first aid procedures.

## OTHER INFORMATION

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