

Miraclean LB-620

Liquid Base Component
Technical Data

GENERAL DESCRIPTION

Miraclean LB-620 is a concentrated liquid caustic product for use as a component of a soak or electrocleaner for steel. **Miraclean LB-620** is excellent for removal and emulsification of oils and grease from ferrous metals.

SOLUTION MAKE-UP

Add product slowly to surface of cold water while constantly stirring to avoid spatter or violent eruptions. Use with adequate ventilation and proper personal protective equipment.

NORMAL USE

Concentration of Soak or Electrocleaner Package	0.4 – 4% by volume
Concentration of Miraclean LB-620	5 – 20%
Normal Ratio of Miraclean LB-620 to Component Package	4 to 1
Temperature	140 – 190° F
Time	1.5 to 10 minutes

ADVANTAGES

1. Water based product so no dusting or noxious fumes to breathe.
2. Biodegradable.
3. Long tank life.
4. Can be used as a soak tanks with mechanical agitation.
5. Useful over a wide range of applications and operating conditions.
6. Liquid product makes automatic chemical feed easy.
7. Ability to clean and condition smut for removal in rinses and electrocleaners.

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 **Miraclean LB-620** = mLs of 0.5N HCl x 0.33

For mixed baths make addition proportional to **Miraclean LB-620** required. If the test requires 1 gallon of **Miraclean LB-620** to be added, add 2.5 gallons of **MC 520** if operating at ratio of 1.0 to 2.5.

HANDLING AND SAFETY CONSIDERATIONS

Danger!! This product contains sodium hydroxide (caustic soda) which is corrosive to all exposed tissues. Do not breathe dust and avoid contact with eyes and skin. Always use proper protective equipment.

Consult product Safety Data Sheet 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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