

ACCU-LABS INC.

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A2LA Accredited ISO/IEC 17025:2005 Certificate # 2558.01

50-SE PREMIUM MATRIX STEEL CLEANER

ACCU-LABS INC. has discovered the next generation of premium cleaning. Recent production results have proven ACCU-LABS' premium matrix cleaner provides the best available cleaning at up to half the cost. The building blocks of this new innovation are accomplished by combining the most recent surfactant technology in a concentrated matrix form with caustic soda or other liquid alkali builder.

ACCU-LABS' premium matrix steel cleaners contain no phosphates or complexing agents and have been proven to be compatible with most waste treatment systems.

*** PROVEN TO CLEAN HEAVY SOILS**

*** ENVIRONMENTALLY FRIENDLY**

*** ECONOMY OF OPERATION**

*** LONG BATH LIFE**

*** EASY TO USE**

OPERATING GUIDELINES:

AS A SOAK CLEANER ACCU-LABS 50-SE liquid matrix soak cleaner is used with 4% by volume liquid caustic soda. For every 4 gallons added of caustic soda, add 1 gallon of ACCU-LABS 50-SE liquid. (Example: for a 100 gallon tank, add 4 gallons caustic soda and 1 gallon of 50-SE).

Temperature: 120-200°F

Dwell Time: 30 Seconds-5 Minutes

AS AN ELECTROCLEANER ACCU-LABS 50-SE liquid matrix electrocleaner is made up at 6% by volume of caustic soda. For every 1 gallon (3785 milliliters) add of caustic soda, add **5.3** fluid ounces (158 milliliters) of the **ACCU-LABS 50-SE** liquid. (Example: for a 100 gallon tank add 6 gallons of caustic soda and 1 quart of **50-SE**).

Temperature: 120-200°F

Dwell Time: 30 Seconds-3 Minutes

Current: 50-200 ASF

NOTE: The aforementioned is typical for most applications; concentrations can be manipulated for process optimization. The same holds true for operating temperature and dwell time. Contact your Accu-Labs Representative if you require assistance for set up and maintenance for your particular process and application.

CONTROL TITRATION, TEST FOR PERCENT LIQUID CAUSTIC:

1. Pipet a 5 ml sample into a 250 ml flask.
2. Add 25 ml of D.I. water.
3. Add 2-5 drops of phenolphthalein indicator solution and titrate with 1N hydrochloric acid to a pink to clear end point.

mls of acid x 1.1 = percent by volume Liquid Caustic

SAFETY:

ACCU-LABS Premium Matrix Cleaner is highly alkaline. Protective gear should always be used when handling alkaline cleaning solutions. In case of contact with skin or eyes, flush immediately with cold water and contact physician. Read the Material Safety Data Sheet before using.

DISCLAIMER:

THE INFORMATION CONTAINED IN THIS BULLETIN IS, TO OUR BEST KNOWLEDGE, TRUE AND ACCURATE, BUT ALL RECOMMENDATIONS OR SUGGESTIONS ARE MADE WITHOUT GUARANTEE, SINCE THE CONDITIONS OF USE ARE BEYOND OUR CONTROL. ACCU-LABS, INC. DISCLAIMS ANY LIABILITY INCURRED IN CONNECTION WITH THE USE OF THESE DATA OR SUGGESTIONS.