



April 3rd, 2020

Technical Data Sheet

CHEMCLENS EC-66

Liquid Electrocleaner

General Description

CHEMCLENS EC-66 is a highly alkaline liquid soak and electrocleaner for ferrous metals, copper and copper plated work. The low foam characteristics of the cleaner make it an ideal choice for spray cleaners, high agitation reel to reel and wire plating operations.

CHEMCLENS EC-66 has been formulated to be free rinsing, high conductivity (62 mS/cm @ 5%).

CHEMCLENS EC-66 will remove a variety of soils including oils, greases, and lubricants.

CHEMCLENS EC-66 in operation will keep plating barrels and other equipment clean and free of oils.

Features

1. Low Foaming
2. Non-Silicated
3. Long bath life
4. Combination Soak/Electrocleaner
5. Spray Cleaner
6. High level of conductivity
7. Excellent smut removal
8. Liquid product can be used with automatic feed
9. Instant solubility
10. Easy to handle

Operating Conditions

Concentration	5-15 % by Volume for Soak and Electrocleaning 0.4 to 4 % by volume for Spray Cleaning
Temperature	120-180°F (49-82°C)
Current	50-125 amps per square foot @ 6 volts
Voltage	6-9
Cathodes	Nickel-plated steel (perforated). Mild steel is also Satisfactory

Solution Make-UP

1. Fill tank 2/3 full with cold or warm water
2. Slowly add required amount of **CHEMCLENS EC-66** with mild agitation
3. Add water to operating level and heat to temperature.
4. Notes:
 - a. The concentration of EC66 depends upon the unique cleaning requirements
 - b. Perform a lab test on the particular concentration you would need prior to full scale cleaning bath preparation
 - c. The water to EC66 ratio normally ranges from 10:1 to 14:1

Normal Control

1. Pipette 10 ml sample into a 250 ml Erlenmeyer flask
2. Add 50 ml of distilled water
3. Add 3-5 drops of phenolphthalein indicator
4. Titrate with 0.5N Sulfuric Acid until pink disappears

Calculation: Mls of 0.5N Acid x 0.75 = % of **CHEMCLENS EC-66**

Handling and Safety Considerations

CONSULT SDS SHEET ON THIS PRODUCT FOR HANDLING CONSIDERATIONS, HAZARD INFORMATION AND FIRST AID PROCEDURES

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