



SPARKLEEN™ 369L

LOW FOAM LIQUID ELECTROCLEANER FOR FERROUS & NON-FERROUS METALS

- **Removes a wide variety of soils.**
- **Low foam, economical liquid.**
- **Biodegradable, easy to waste treat.**
- **Works on a variety of metals.**
- **Provides excellent activation.**
- **Safer to use than powders.**

SPARKLEEN 369L is a low foam, powerful, high performance liquid electrocleaner for steel, copper, copper alloys and brass, leaded brass and in many cases zinc die-cast. It is specifically designed to inhibit the pitting and etching often associated with the electrocleaning of these metals. It is ideal for the removal of buffing compounds, machine oils, cutting oils and shop soils. It is highly recommended for use in the processing of bumpers, furniture, plumbing fixtures or most any non-ferrous application.

SPARKLEEN 369L offers many advantages never before available in a cleaning system. Its highly concentrated liquid formulation is easy to make up and maintain. The product is pumped into the processing tank, eliminating hazardous dust and dangerous splashing that so often accompanies powder products. Being liquid, it mixes easily and uniformly, assuring quick, proper concentration of cleaner.

SPARKLEEN 369L is not a watered down powdered product. Its surfactants and cleaning agents are only available in a liquid form. When compared to powdered products, this liquid is equal to or less than powders in make up and maintenance costs. This concentrated liquid can be metered in as needed to maintain proper bath concentration. Unlike competitive products that require multiple components, **SPARKLEEN 369L** is a single additive product that is all you need for starting and maintaining a bath.

SPARKLEEN 369L formulation is low alkaline, slightly phosphated, chelated, and silicated. It is ideal for activation of nickel prior to chrome plating. In many cases, it can act as a soak cleaner where limited cleaning is available. It is free-rinsing, ideal for hard water conditions and works well under long transfer times. It produces a low, controlled foam blanket under electrolysis. Its excellent cleaning and activation power, ease of use and long life make it an ideal electrocleaner for most applications.

OPERATING DATA

SPARKLEEN 369L	5% by volume.
Temperature	120-190° F. (49-87° C)
Time	1-5 minutes.
Voltage	2-8 volts.

SOLUTION CONTROL

Analytical

- 1) 10 ml. sample.
- 2) 5 drops phenolphthalein indicator.
- 3) Titrate with 1.0N Sulfuric Acid to clear end point.

Calculation: Mls of 1.0N Sulfuric Acid x 1.96 = percent by volume **SPARKLEEN 369L.**

EQUIPMENT

A low carbon steel tank and heaters or plate coils are satisfactory. A tank design incorporating a dam overflow weir and filter system is highly recommended as it will improve both cleanability and cleaner life.

WASTE TREATMENT

Spent solutions and normal effluents generally require treatment prior to discharge. **A BRITE COMPANY** has a staff of trained professionals to assist in the proper disposal of this or any metal finishing material.

STORAGE/HANDLING

Product is stable and has excellent shelf life. Store in a dry area in closed containers. The use of **SPARKLEEN 369L** requires the handling of alkaline materials. Avoid contact with skin and eyes. Wear proper protective clothing, face shield, rubber gloves, boots and apron. If contact is made, flush with large volumes of water and contact a physician. **Refer to the Material Safety Data Sheet (M.S.D.S.) for more complete information before using this product.**

WARRANTY

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