A BRITE COMPANY
A GOOD START BEGINS WITH AN A BRITE FINISH!

Technical Data Sheet

SPARKLEEN™ 373L

- ***Powerful, deep cleaning action.***
- ***Easy and safer to make up and maintain.***
- ***Provides excellent activation.***
- ***Easy, economical liquid.***
- ***Removes light rust, scale and weld smoke.***
- ***Single additive product.***
- ***Biodegradable, easy to waste treat.***

LIQUID ELECTROCLEANER/ACTIVATOR FOR FERROUS METALS

SPARKLEEN 373L is a unique, powerful, heavy-duty liquid electrocleaner for steel. It 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 373L 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 373L*** is a single additive product that is all you need for starting and maintaining a bath.

SPARKLEEN 373L is a highly alkaline, silicated, phosphate free, non-chelated, and low wetted formulation. It will loosen and remove light rust, scale and weld smoke. It contains a balanced blend of free-rinsing alkaline materials and detergents which give it maximum scrubbing and activating power while minimizing dragout of cleaner on the work being processed.

SPARKLEEN 373L utilizes surfactants that produce a low, controlled foam blanket under electrolysis. This reduces spray off the surface of the operating solution and reduces the possibility of hydrogen gas explosions. Its excellent cleaning action, activation power, ease of use and long life make it the ideal electrocleaner for most applications.

OPERATING DATA

SPARKLEEN 373L	***5-10% by volume.***
Temperature	140-190° F. (60-88° C)
Time	**30 sec.-5 min.**
Voltage (Anodic)	**5-10 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 0.914 = percent by volume ***SPARKLEEN 373L.***

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.

STORAGE/HANDLING

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

MATERIAL SAFETY DATA SHEETS

Material Safety Data Sheets (M.S.D.S.) are readily available on this product. It is strongly recommended that all personnel thoroughly read and understand the information contained in both the Technical Data Sheet and the Material Safety Data Sheet before using this product.

WARRANTY

The information presented herein, while not guaranteed, is to the best of our knowledge, true and accurate. No warranty or guarantee, expressed or implied is made regarding the performance of any products, since the manner of use is beyond our control. No suggestion for product use nor anything contained herein, shall be construed as a recommendation for its use in infringement of any existing patent, and we assume no responsibility or liability for operations which do infringe any such patents. The above includes confidential and proprietary information of ***A BRITE COMPANY, Inc.,*** and is furnished to you for your use solely on products pr processes supplied to you by us.

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