Production Automation Corporation

GP
GENERAL PURPOSE CONCENTRATED CLEANING FORMULA

APPLICATIONS AND USE

Branson GP Concentrated Solution is a biodegradable, phosphate and caustic free alkaline cleaner formulated for general purpose and normal maintenance cleaning applications.

Liquid non-ionic surfactants and detergents are combined in a formulation with excellent detergent, wetting and free rinsing properties which provide exceptional performance for general maintenance cleaning in virtually all industries with virtually all base materials.

Branson GP solution removes general soils, fingerprints, dust, packaging particulates, and light oils and greases from components and products found in machine and metalworking shops, chemical plants and petrochemical refineries, automotive plants, appliance factories, telecommunications equipment producers, printing plants, and many other industrial, manufacturing, and fabricating facilities.

APPLICATION PROCEDURES

Branson GP Solution is easily mixed with water to form a concentration of 10-12% by volume and can be used at temperatures ranging from ambient to 180°F (82°C). Optimum performance is achieved at higher solution temperatures.

Tanks, heating coils, immersion heaters, and any other components which may be exposed to the solution for extended periods should be fabricated from stainless steel or other suitable materials.

For optimum cleaning, Branson GP should be operated at recommended temperatures. Cleaning time is dictated by the quantity and nature of the soil. Operating Branson GP below the recommended concentrations, temperatures, or time will generally result in poor cleaner performance, characterized by cloudiness and water breaks. Operating Branson GP above the recommended parameters may be lead to component metal attack or cause the surfactants to separate from the solution causing poor cleaning. It is imperative that the solution be allowed to "degas" at operating temperature for a minimum of 10 minutes prior to placing the parts into the cleaning solution. It is best if ultrasonic energy is applied during this time to enhance degassing. Thorough rinsing is suggested for removal of cleaning solution. As with any process involving water, drying should be considered as the final step.

CHEMICAL CHARACTERISTICS

Chemical Composition:	Blend of liquid, non-ionic alkaline surfactants and detergents
Flash Point:	None
Recommended Diluent:	Water
Biodegradable:	Yes
Normal Concentration:	10-12% by volume
Normal Temperature:	70-180°F
pH at Rinse Temperature:	12.1
Rinsability:	Good

See the MSDS for further information.