

GENERAL PURPOSE CLEANING SOLUTION

APPLICATIONS AND USE

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 bases are combined in a formulation with excellent detergent, wetting and free rinsing properties which provides exceptional performance for general maintenance cleaning in virtually all industries with virtually all base materials.

GP Solution readily 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.

GP Solutions is safe for use with most base metals and alloys, thermoset and thermoplastic resins and other synthetic materials.

APPLICATION PROCEDURES

GP solution is easily mixed with cold or hot water in a concentration of 10-12% by volume. It can be used over a temperature range from room temperature to 180° (82°C), and can be used in both tabletop and industrial cleaning tanks. Optimum cleaning performance will be realized at higher solution temperature.

Cleaning 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, GP should be operated at recommended temperatures. Cleaning time is dictated by the quantity and nature of the soil. 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 in one step must be undertaken for removal of cleaning solution. As with any process involving water, drying must be included as the final step.

CHEMICAL CHARACTERISTICS

Chemical Composition	Blend of liquid, non-ionic alkaline surfactants & detergents
Flash point	None
Recommended diluent	Water
Biodegradable	Yes
Phosphate Free	Yes
Normal Use Concentration	10-12% by volume
Normal Use Temperature	70-180°F
PH at Rinse temperature	12.1
Rinsability	Good

See the MSDS for further information

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