

Technical Data Sheet

Enviro-Clean HIP

Enviro-Clean HIP is a formulated, neutral liquid cleaner designed for the cleaning of aluminium and alloy surfaces, steel, copper and brass. The product is inhibited to prevent flash corrosion of parts that have been cleaned. Enviro-Clean HIP will not stain brass or copper parts that have been cleaned in the solution. Enviro-Clean HIP is formulated from plant derived surfactants and sequestrants, and does not contain phosphates, phosphonates, silicates, caustic alkalis or NTA. This ensures a very safe product to use, with no environmental impact and no hazards. The synergistic combination of these natural materials gives very high cleaning performance, and Enviro-Clean HIP will remove a wide range of oils, greases and soils. Aluminium, brass and copper surfaces are left bright and shiny after cleaning. Enviro-Clean HIP is low foaming and suitable for both soak and spray applications. The product is a "quick split" cleaner, and removed oils and greases will normally split out from the bath solution in less than 2 minutes.

TYPICAL PROPERTIES

Appearance	Clear brown liquid
pH	Concentrate is typically pH 6.0 to 7.7
SG	Typically 1.05 to 1.15
Solubility	100% in water

RECOMMENDATIONS FOR USE

Dilution	Enviro-Clean HIP is designed to run at concentrations of 3% to 5% v/v in towns mains water. Concentrations of Enviro-Clean HIP are measured by simple titration, details of which may be obtained from our Technical support
Temperature	Temperature between 40C and 90C are recommended
Application	Parts should be immersed in the working solution at temperatures and for times as recommended. If at all possible, working solutions should be adequately agitated by e.g. recirculation pump, mechanical stirring or agitation. Enviro-Clean HIP is very low foaming and so suitable for use in power spray equipment. To minimize foaming cleaner temperature should be maintained above 50C

HEALTH AND SAFETY: - Enviro-Clean HIP is fully biodegradable and used solutions can be safely run to foul drain. However, Local Authority Guidance should be sought before disposing to drain Enviro-Clean HIP that has been contaminated with oils, greases etc. as part of the cleaning process. Please consult the MSDS for Enviro-Clean HIP for detailed safety precautions when handling and storing the product.

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