

DESCALE CONCENTRATE

This product is a clear, colorless acid complex based on phosphoric acid and inhibitors. These inhibitors lessen the attack on steel, cast iron, aluminum copper and copper alloys and also prevents stress cracking of stainless steel parts. This product is non-fuming in itself and practically free of obnoxious odors during the cleaning operation. It is designed to replace other liquid acids such as muratic, sulfuric, and nitric that produce fumes and odors associated with acid etching.

This product is easy to use and 100% water soluble. It performs quicker in warm water than in cold water but is effective in cold water if allowed longer to work. Recommended water temperature for maximum effectiveness 140°F to 160°F. Very effective in soak vat cleaning operations and in circulation systems for removal of scale deposits, soils from equipment interiors, as well as rust and black scale deposits on copper, brass and steel parts.

DIRECTIONS:

1. Soak vat operations, brush application, steel wool or rag use: Dilute this product with water. The strength depends on the severity and amount of the soil to be cleaned. For best results, begin with one part concentrate to four parts water and adjust to suit the cleaning action. Add water if too strong and more concentrate if increased cleaning action is required. Whenever possible, use heat or hot water for maximum efficiency. Lighter dilutions and hot water will produce satisfactory results.
2. Circulation systems: Follow above dilution for removal of soils from equipment interiors. Time of circulation depends on type and amount of soil. As this solution is used, it will begin to neutralize. Adding more concentrate drops pH to 1.0, the solution will regain soil dissolving properties.

CAUTIONS:

Care should be taken to hold water temperature of heated material at a maximum of 160°F. Above this water temperature, the solution could be corrosive to common metals due to loss of inhibitor. In cleaning of equipment in circulation method, be sure to vent closed system at highest point to allow gases that are formed to escape.

SPECIFICATIONS

Type of Product	Phosphoric Acid
Inhibitors	Available
pH Use Solution	1.0 ± 0.5
Color	Clear / Colorless
Odor	None
Water Soluble	Complete
Wt./gal.	10.4# / gal.

KEEP OUT OF REACH OF CHILDREN



HAWK SOLUTIONS

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