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PCC 10

CONCENTRATED PHOSPHORIC BASED CLEANER/RUST & SCALE REMOVER

PCC10 is an extremely concentrated acid, based on Inhibited Phosphoric Acid. It is designed especially for cleaning & degreasing steel surfaces and for removing rust and scale deposits. The product contains an inhibitor to prevent corrosion and degreasing solvents.

The product is diluted with water prior to use. The dilution rate is dependent upon the type and amount of contamination involved. It has been found that for removing rust a dilution of 10%-15% v/v is sufficient. For removing scale a higher concentration is required. A 20%-25% v/v solution is ideal.

PCC10 is operated in the pre-treatment tank at temperatures up to 80°C.

To test the product the following instructions should be followed:-

In a conical flask (250cm³) place a sample (10cm³) of the diluted **PCC10**. Add a few drops of Bromocresol green indicator the titrate with Sodium Hydroxide solution (N). The end point is reached when the colour changes from yellow to blue.

When first setting up a tank, it may be found advantageous to use Phenolphthalein as indicator as this gives a clearer colour change. However, twice the amount of Sodium Hydroxide solution has to be used and this method of checking becomes inaccurate once the tank has been in use.

<i>DILUTION</i>	<i>AMOUNT OF SODIUM HYDROXIDE</i>	
	<i>BROMOCRESOL GREEN</i>	<i>PHENOLPHTHALEIN</i>
12.5% v/v	15 cm ³	30cm ³
22.5% v/v	26 cm ³	52cm ³
	Use these figures for "In use" testing and setting up.	Use these figures to check setting up only.