

TECHNICAL DATA SHEET

P-82

(ALKALINE CLEANER)

P 82 is an alkaline cleaner for cleaning steel, brass, copper and copper alloys. It can be used for both soak and electrolytic cleaning.

OPERATING CONDITIONS:

SOAK CLEANING			ELECTROLYTIC CLEANING	
	Concentration	Temp.	Concentration	Current density
Steel	30 – 50 gm / ltr	65 – 80°C	50 – 70 gm / ltr	2 – 4 A/sq.dm
Copper and Brass	20 – 40 gm /ltr	60 – 70°C	40 – 70 gm /ltr	1 – 2 A/sq.dm
Zinc base diecasting	20 – 40 gm / ltr	60 – 70°C	40 – 50 gm / ltr	1 – 2 A/sq.dm

MAKE – UP:

Fill the tank 2/3rd full of cold water. Add required quantity of P-82 for each liter of final solution. Fill the tank to operating level. Heat the solution to 70-80°C.

EQUIPMENT:

Plain steel tank is recommended. Heater made of steel or quartz can be used for heating.

CONTROL:

The concentration of P-82 can be controlled by simple titration with standard acid using phenolphthalein as an indicator.

CAUTION:

P-82 is alkaline in nature and contact of the salt or bath solution with the skin or eyes should be avoided.

WASTE TREATMENT:

P-82 is a highly alkaline material. It is recommended that spent P-260 solutions be mixed with effluent from acid solutions prior to entering the neutralization sump or tank to gain advantages of mutual adjustments of pH. Allow the precipitate that forms to settle or filter the solution prior to discharge into the sewer.

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