

TECHNICAL DATA SHEET

P – 20

P-20 is an all purpose cleaner for Ferrous and Non- Ferrous metal and has wide range of application. P - 20 provides excellent cleaning over a wide temperature range. P – 20 displaces oils instead of emulsifying them. The cleaner has long service life with very good cleaning effect. It is alkaline in nature and removes grease, rust and weak scale layers and leaves the surface active and bright.

AREAS OF APPLICATION:

- Prior to all kind of plating.
- Prior to Blackening and phosphating.
- In a continuous automatic strip, wire or coil cleaning purpose.

OPERATING CONDITION:

	FERROUS	NON-FERROUS
Concentration	50-80 g/l	25-40 g/l
Temperature	75-80°C	65-70°C
Time	2-5 min	1-4 min

BATH MAKE UP:

- Fill the tank approximately 2/3rd of the tank with warm water.
- Add the required amount of P- 20 and stir till all the material is dissolved
- Fill the tank to working level with water and heat it to operating temperature.

EQUIPMENTS:

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

CONTROL:

The cleaner solution can easily and effectively be controlled by removing floating oil over the surface either manually or by means of circulating pump and oil trap regularly.

The concentration of the solution can be maintained by analyzing the alkalinity of the solution by simple titration with standard acid using phenolphthalein as an indicator.

CAUTION:

P-20 is alkaline in nature and contact of the skin or eyes should be avoided.

WASTE TREATMENT:

P-20 is a highly alkaline material. It is recommended that spent P-20 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.

DISCLAIMER:

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