

## TECHNICAL DATA SHEET

### P-260

#### (HIGH CURRENT DENSITY CLEANER FROM STEEL)

P-260 is a heavy duty alkaline cleaner for electro cleaning steel prior to plating. It can be used with current densities as high as 100 amp/sq.ft. Thus enabling very effective cleaning and smut removal. It can be used both for anodic and cathodic cleaning.

P-260 is furnished as a free flowing dustless powder. It has a high detergency, high stability, and dispersing ability. The detergents in P-260 produce a low, controlled foam blanket which produces good rinsing.

The cleaner P – 260 displaces oil instead of emulsifying thus giving longer life and is very economical for use.

#### OPERATING CONDITONS:

Concentration	60-85 g/ltr
Temperature	70-90°C
Current density	5-10 A/sq.ft
Voltage	5-9 V
Time	2-5 min

#### MAKE-UP:

Fill the tank about 2/3<sup>rd</sup> full with water. Add the calculated amount of P-260 with continuous stirring, to dissolve it completely. Make the operating level and heat to operating temperature.

P-260 displaces oils and greases rather than emulsifying them, the floating oils should be skimmed from the surface of the solution regularly. This can be readily achieved by use of an overflow dam. For greater economy and efficiency, the overflow dam can be recommended to a grease tap.

While P-260 can be described as a heavy duty electro cleaner, electro cleaners by their nature are not designed to continually remove heavy accumulations of oils, greases and buffing compounds. Where such soils are regularly encountered, the work should be pre cleaned by use of emulsifiable solvents, emulsion cleaners, sprays, or alkaline soak cleaners, such as P-40, P - 80.

#### **EQUIPMENTS:**

P-260 solution may be contained in plain steel tanks and heated with suitable heating arrangements. A dam overflow and an oil trap are recommended. The tank should be equipped with properly insulated anode and cathode bus bars connected to a rectifier of sufficient capacity. The tank should also be provided with removable steel cathodes.

#### **CONTROL:**

The concentration of P-260 can be controlled by simple titration with standard acid using phenolphthalein as an indicator.

#### **CAUTION:**

P-260 is alkaline in nature and contact of the skin or eyes should be avoided. In case of contact, flush skin or eyes with sufficient amount of cool clean water. In the event of contact with the eyes, medical attention is advised.

#### **WASTE TREATMENT:**

P-260 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.

#### **DISCLAIMER:**

The data forth in this Bulletin is delivered by **SHARMA CHEMINDUS PVT LTD.** to be true, accurate and complete but is not guaranteed. Our sole warranty is as stated in our standard Terms and Conditions of sale. We cannot warrant that our customers will

achieve the same results from any bulletin because we do not have control either over the condition of use; nor we assume any of our products in a manner which infringes the patents of third parties.