

TECHNICAL DATA SHEET

P-25

SOAK CLEANER FOR FERROUS AND NON-FERROUS METALS.

P-25 cleaner is super efficient soak cleaner for degreasing of steel, brass, copper, and zinc base die-casting. This cleaner provides very good cleaning effect and has very long service life making it highly economical and versatile in use.

SOAK CLEANING:

	Concentration	Temperature
Steel	40-60 g/l	70-85 ⁰ C
Copper and Brass	20-50 g/l	60-70 ⁰ C
Zinc base die-casting	20-40 g/l	60-70 ⁰ C

SOLUTION MAKE-UP:

The tank is filled to 2/3rd its capacity with clean water and the required quantity of p-25 added with string until the salts are completely dissolved.

Then the solution should be made up to the working level by adding water.

Heat the solution to normal working temperature and then use the bath for cleaning purpose.

EQUIPMENT:

Welded mild steel tanks are suitable for containing the P-25 cleaners. It is recommended that these are fitted with overflow wire to remove the displaced oil. For heating purpose, a suitable steel cased electric immersion heater is used. To accelerate the cleaning, gentle air agitation can be used for heavy duty cleaning.

SOLUTION 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 traps 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-25 is alkaline in nature and contact of the skin or eyes should be avoided.

WASTE TREATMENT:

P-25 is a highly alkaline material. It is recommended that spent P-25 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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