

TECHNICAL DATA SHEET

METACLEAN 20

Metaclean 20 is a multipurpose liquid cleaner for intermediate and final cleaning in immersion processes with and without ultrasonic support.

Metaclean 20 can be used for cleaning parts made of stainless steel, copper aluminium and brass. It can also be used both for immersion and spray process.

Metaclean 20 generates hydrophobic film on metal surfaces which accelerates drying when used in final cleaning stage. This hydrophobic film must be removed using an alkaline cleaner prior to galvanic or phosphating lines.

OPERATING CONDITIONS:

	Steel	Zamac
Concentration	30 -80 ml/l	25 – 80 ml/l
Temperature	65 – 90°C	65 – 90°C
Time	1 – 5 min	1 – 5 min

MAKE UP:

Fill the tank with 2/3 rd of DM water. Add the required quantity of Metaclean 20 and make upto desired level. Heat the solution to start.

EQUIPMENT:

PVC lined M/S tank or SS tank with suitable heating arrangement.

CONTROL:

The concentration of Metaclean 20 can be determined by simple titration with standard acid using methyl red as an indicator.

WASTE TREATMENT:

Metaclean 20 is a mild alkaline material. It is recommended that spent Metaclean 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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