

UNISTAR MS CLEANER

ACID BASED DEGREASING SOLUTION

UNISTAR MS CLEANER is a heavy duty acid based degreasing & mild derusting solution to clean iron and steel articles prior to the painting , powder coating and electroplating . UNISTAR MS CLEANER solution is a balanced formulation of surfactants and additives to give smooth performance without excessive etching of the base metal.

OPERATING PARAMETER

CONCENTRATION	:	10 TO 20 % V/V
TEMPERATURE	:	Ambient
DIPPING TIME	:	10 TO 15 Minutes.

PROCESS SEQUANCE

Degreasing with UNISTAR MS CLEANER → water rinse → your process.

SOLUTION MAKE UP

Fill the tank slightly below the operating level with water add required amount of UNISTAR MS CLEANER. Maintain operating level with water to start the process.

SOLUTION CONTROL AND REPLENISHMENT

Determine the concentration of UNISTAR MS CLEANER in the bath by simple titration analysis and replenish the bath with fresh water solution.

PROCEDURE

Take out 10 ml bath solution in 250 ml conical flask and add 3 to 4 drops of phenolphthalein indicator solution and titrate against 1N sodium hydroxide till pink end point .

POINTAGE

A new bath should have titration value of 7 at 10% v/v

ADDITION: Add 0.700 ltr. of UNISTAR MS CLEANER fresh solution to raise 1 point for a 100 ltr bath.

IRON CONCENTRATION

Determine the % of ferrous iron by simple titration analysis discard the bath partially or fully if ferrous iron contain exceed 6%