

TECHNICAL DATA SHEET

GINBOND NS 874

Non-Silicated Electrocleaner for Steel in Continuous Line.

Ginbond NS 874 is an outstanding heavy duty silicate free electrocleaner specially designed to remove various types of mill oil, coolants, rolling oils, dirt etc. from ferrous strips in continuous electrocleaning lines

Ginbond NS 874 contains surfactants, emulsifiers and sequestrants which help in improving proper detergency and excellent rinsability regardless of water hardness. Balanced composition of **Ginbond NS 874** provides excellent conductivity to the operating bath solution for continuous cleaning line

OPERATING PARAMETERS :

Concentration	:	40-60 gm/lit.
Temperature	:	60-80°C
Current Density	:	50-150 ASF
Polarity	:	Anodic or Bipolar
Cathode	:	M. S. or Stainless Steel

ANALYTICAL CONTROL :

Pipette out 10 ml working solution in a 250 ml Conical flask. Add 2-3 drops of Phenolphthalein indicator. Titrate with 1.0 (N) Sulphuric Acid till a colourless end point.

Concentration :

ml of 0.1 (N) Sulphuric Acid x f = gm/l of Ginbond NS 874 (f = 5.78)

Replenishment :

To raise the concentration value by 1 gm/l, add 1 Kg. of **Ginbond NS 874** for 1000 lit. solution.

Discardal :

With gradual use of the degreasing solution, the bath will be contaminated with soil like coolant oils, degreaser, iron dust etc. Since the degreaser contains powerful sequestrants and emulsifier, solution can be used for a longtime without dumping. However, for improved operation and smooth production, periodical skimmed off may be necessary for removing floated oils.

Disposal :

The waste is strongly alkaline and should be neutralized before final discharge. Sludge deposited at the bottom of the tank should be dumped properly

Safety and handling :

While handling either **Ginbond NS 874** or its solution, use rubber gloves, boots, goggles etc. The solution and the powder both are strong alkali. Wash hands and other parts with sufficient cold running water if contaminated with skin. Protect eyes while handling. If necessary call a physician for advice. For more details refer MSDS.

Issued on 21-07-05

Supersedes all earlier