



## Guaranteed Customer Specification

### Description

AdvantEdge Alkaline Starter is part of an alkaline cupric chloride etching system designed for high volume production of printed circuit boards. Use of this starter allows for immediate operating equilibrium when bringing the etching system initially on-line.

AdvantEdge Alkaline Starter is a clear, deep blue ammoniacal solution with an appropriate copper concentration. It is recommended the etch pump be charged with AdvantEdge Alkaline Starter for a smooth start-up of the system.

### AdvantEdge Alkaline Starter

|          | <u>Units</u> | <u>Minimum</u> |
|----------|--------------|----------------|
| Chloride | g/l          | 167            |
| Chloride | N            | 4.6            |
| Copper   | ppm          | 15             |