



## Application Information WHIRLFLOC G OPTIMISATION

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Product Name: WHIRLFLOC G  
Product Code: 5H01052  
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### **WHIRLFLOC G OPTIMISATION**

- 1) Prepare solution of Whirlfloc : disperse 1.0 gms in 1 litre boiling water. Stir for minimum 15 minutes on a magnetic stirrer while boiling. Note: Whirlfloc does not fully dissolve; this method is sufficient to extract the active components into solution.
- 2) Dose 300 ml clear glass bottles with 0, 2, 3, 4, 5, 6, 7, 8, 10, and 12mls of Whirlfloc solution (1 ml per 200 ml = 5 mg/litre). This is equivalent to 1.0, 1.5, 2.0, 2.5, 3.0, 3.5, 4.0, 5.0 and 6.0gm/Hl.
- 3) Draw wort near to the end of kettle boil period.
- 4) Immediately add 200mls wort to each of the predosed bottles.
- 5) Allow to stand for 30 minutes.
- 6) Observe clarity of wort and compactness of sediment throughout the range of treatment rates.
- 7) Cool down, either by leaving overnight, or immediately in cold water.
- 9) Allow the cold wort to clarify.
- 10) Observe wort clarity and sediment compaction/volume.

### **INTERPRETATION**

Optimum treatment is achieved when the resulting wort is clear with a compact cold break sediment. Typical treatment rates are 15 - 30 mg/litre. However if the wort pH is found to be low (less than pH 5.0 )dose rates of up to 60 mg/litre have been found necessary.

### **APPLICATION**

**Whirlfloc G** is added directly into the kettle, ideally 10 minutes before the end of the boiling period. If boiling is stopped to perform the addition ( for safety considerations) it should be recommenced immediately and allowed to proceed for the normal period.

It is useful to routinely collect a small sample of each wort after cooling and check/record clarity. This enables the effect of changes in raw materials e.g. malt, to be monitored.

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