



Application Information WHIRLFLOC G OPTIMISATION

Product Name: **WHIRLFLOC G**
Product Code: **5H01052**
Date Printed: **April 18, 2007**

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 6.0grm/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.
- 8) Allow the cold wort to clarify.
- 9) 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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