

## **Technical Data Sheet**

## **KETTLE FINING - NUTRIENT**

# ATPGroup 321

## Description

**ATPGroup 321** is a tableted kettle fining agent and wort nutrient made of a combination of kappa-carrageenan and zinc sulfate. It enhances trub formation and supplements yeast growth. Trub is known to reduce zinc levels in wort, zinc being a primary cofactor for yeast health. Supplemental zinc additions to wort have shown to improve yeast health and reduce fermentation times. The kappa-carrageenan helps to produce extremely clear wort by enhancing strong trub pack formation and reduces trub carryover into primary fermentation.

## **Properties**

**ATPGroup 321** is a non-dusting tableted blend of fining agents and yeast nutrients. It is designed to self-dissolve in aqueous solution so no need to pre-hydrate.

#### Use

Add during the last stages of wort boiling, at least 15 minutes before the end of boil, to achieve maximum results.

#### Dosage

Recommended dosage rate: 25 g/hL (250 ppm)

Note: At 25 g/hL the zinc addition to the wort is 40 ppb

It is highly recommended to conduct dosage optimization trials.

Please contact your ATPGroup technical sales representative for assistance.

#### Storage and Shelf Life

Store in original unopened package in a cool and dry environment, max 39–46°F (4–8°C) to retain maximum activity. The integrity of the product is guaranteed only if it is stored as indicated in this Technical Data Sheet.

### **Packaging**

10 kg box

Product for Professional Use Only Non-GMO, allergen-free