

HOPSTEINER – NEWSLETTER
FEBRUARY 2010

TECHNICAL SUPPORT



**Hopsteiner**[®]

COMMITTED TO THE BREWER.

Overview of Hopsteiner Isomerized Hop Products

| Product | Purpose | | | | | | Addition to | |
|--|------------|-------|-----------------|------|----------------|--------|-------------|--|
| | Bitterness | Aroma | Light Stability | Foam | Anti-microbial | Kettle | Filtration | |
| Kettle Products: | | | | | | | | |
| Iso-Pellets | | | | | | | | |
| Isomerized Kettle Extract (IKE) | | | | | | | | |
| Potassium Isomerized Kettle Extract (PIKE) | | | | | | | | |
| Lightstable Kettle Extract (LSKE) | | | | | | | | |
| Rho-Concentrate | | | | | | | | |
| Tetra-Concentrate | | | | | | | | |
| Downstream Products: | | | | | | | | |
| Iso-Extract 30 % | | | | | | | | |
| Rho-Iso-Extract 10 % | | | | | | | | |
| Rho-Iso-Extract 35 % | | | | | | | | |
| Tetra Iso-Extract 10 % | | | | | | | | |
| Hexa Iso-Extract 10 % | | | | | | | | |

Additional comments:

Another possible point of dosing the downstream products is the maturation tank. In most cases this results in better yields, probably due to a longer contact time.

With regard to filtration addition, the extract should preferably be dosed prior to the kieselguhr filter or least before the last filtration step. In order to avoid precipitation in the bottle and gushing, the extract should not be dosed after filtration.

Further information can be found in our publication "Production of light stable beers on a commercial scale", Brauwelt International, 2007 / I, page 16 - 18. You can also find this article on our home page www.hopsteiner.com.

Should you need more detailed information, please contact our experts!

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