

# TECHNICAL DATA SHEET

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**Product Name:** HopCitrAles

**Product Code:** 46-323

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**Update Date:** November 3, 2015

## TECHNICAL INFORMATION

**Quality Attributes:** A blend of hop extractives and natural flavors in a propylene glycol solution.

**Appearance:** A colorless to pale yellow liquid.

**Aroma and Flavor:** The aroma is American Dry Hop with passion fruit character.

**Shelf Life:** We recommend dry warehousing in full, tightly sealed containers at temperatures not to exceed 32° F. Shelf life under these conditions is one year from date of manufacture.

**Uses:** Adds aroma and flavor when added to beer.

**Replacement/Usage Level:** Typical usage levels range from 0.05% to 0.10% by weight in the final product. Depending on the application, the range may vary.

**GM Status:** This product does not contain ingredients from genetically modified source materials and, where appropriate, ingredients are traceable back to origin with an Identity Preserved system.

**Additional Assistance:** For additional assistance on the qualification of Kalsec® products, such as supplier and product questionnaires, allergen declarations, nutritional, labeling, ingredient range declarations (component range breakdowns) and other documentation in support of your approval of Kalsec® products, please contact the Kalsec® Regulatory Affairs team at [trequest@kalsec.com](mailto:trequest@kalsec.com).

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