



KIMIA URANUS co.

CHEMICAL SPECIALTIES

KU-15[®]

KU-15 is a very effective antifoaming agent used to control foam formation in the diffusion of beet sugar juice. When KU-15 is fed at the start of the process it provides satisfactory foam control in the juice extraction and purification processes.

CHEMICAL COMPOSITION

KU-15 is composed of fatty-acid esters. All components of KU-15 have been approved by the US Food and Drug Administration for use in sugar processing.

TYPICAL PROPERTIES

Appearance	Light amber liquid
Ionic Character	Non-ionic
Specific Gravity	~ 0.93 at 20 °C
pH	~ 6.5 (in 10% aqueous solution)

APPLICATIONS

KU-15 is used for the breakdown or suppression of foam in the early stages of the diffusion process. KU-15 can be applied in concentrate form. Typically the best results are obtained when KU-15 is fed at the beginning of the diffusion process directly into the diffuser. The early addition of KU-15 ensures that foam formation is controlled throughout all manufacturing and purification stages. KU-15 can be fed with automatic feeding systems or by manual means.

Typical KU-15 dosage is within the range of 25 – 50 ppm. For best results each factory must adjust the dosage based on several factors, including quality of raw juice and process equipment.

SHIPPING INFORMATION

KU-15 is supplied in 220 liter, non-returnable steel or plastic drums, each drum containing 180 kg product net.

The information stated here is based on our tests and is believed to be reliable. It is offered in good faith for guidance only and it should not be considered as a guarantee.