

Mash Acidification

SIHA® Combi Acid Granulated

SIHA Combi Acid Granulated acidifier is a combination of different acids and is used to adjust the pH value in fruit mash. The result is pure toned distillate even from mash with an extremely low acid content. It suppresses the proliferation of undesirable microorganisms such as ethanoic, lactic, and butyric acid bacteria.

The specific advantages of SIHA Combi Acid Granulated acidifier:

- Pure tone fermentation via suppression of proliferation of undesirable microorganisms
- Cultivates the inherent taste and aroma elements in the fruit
- Optimal pH adjustment in mash with an extremely low acid content
- Cost effective due to small requirement quantities
- Pure tone fermentation

Application

SIHA Combi Acid Granulated acidifier is dissolved at a ratio of 1:10 in water and dosed continuously during mashing. The dilution causes the combination of acids to be distributed evenly and in low concentrations throughout the mash.

Dosing quantities depend upon:

- Condition of the mash
- Expected mash storage time
- Raw materials to be used (Williams, apples and pears)

Required quantities

Generally 5.29 – 10.58 oz (150 – 300 g)
SIHA Combi Acid Granulated acidifier is added per 26.42 gal (100 l) fruit mash.

For fruit with an extremely low acid content these quantities should be increased accordingly.

In order to allow storage of the mash for a longer period, between 8.82 – 15.87 oz (250 – 450 g) per 26.42 gal (100 l) of fruit mash should be added depending upon the pH value of the fruit.

Take care: SIHA Combi Acid Granulated acidifier must never be introduced along with enzymes.

Safety

When used and handled correctly there are no known unfavorable effects.

Take particular care during transportation, storage and application.

Further safety information can be found in the relevant Material Safety Data Sheet, which can be downloaded from our website.

Storage

Store SIHA Combi Acid Granulated acidifier in tightly sealed packaging. Opened packages must be used quickly.

Delivery Information

SIHA Combi Acid Granulated acidifier is sold under article no. 85.531 and is available in the following package sizes:

2.2 lb (1 kg)	aluminum laminated foil package
12 x 2.2 lb (1 kg)	aluminum laminated foil packages in carton
55.1 lb (25 kg)	paper-PE bag

Certified Quality

SIHA Combi Acid Granulated acidifier is continuously inspected throughout the manufacturing process to ensure consistently high product quality levels. These inspections cover technical function criteria as well as food and drinks safety legislation. Strict monitoring also takes place both before and during final packaging.

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