

# DistilaMax™ DS



**DistilaMax™ DS** is an active dry yeast for use in a wide range of grain and sugar-based beverage alcohol fermentations. It contains a selected strain of *Saccharomyces cerevisiae* distillers' yeast in a highly concentrated and stable form.

## product features

DistilaMax™ DS was selected for a rapid fermentation start and strong stress tolerance. A rapid start helps keep bacterial contaminants in check.

DistilaMax™ DS has an increased tolerance to high mash gravity, high alcohol content and high acidity which helps to ensure optimal alcohol by enabling fermentation to finish even in adverse conditions.

DistilaMax™ DS is well-suited to fermenting a broad range of mash styles and produces a congener profile that can benefit spirits ranging from vodka and neutral grain alcohol, to base whiskies and light straight whiskies.

## description

DistilaMax™ DS contains a distillers' strain of *Saccharomyces cerevisiae*. It contains a solids content of >94% by weight. The average number of live cells per gram is  $1 \times 10^{10}$ .

## applications

DistilaMax™ DS is suited for use in most beverage alcohol fermentations. It is intended for use in fermentations in the production of neutral and light flavored beverage spirits

Effective fermentation over a varied range of operational conditions

- pH tolerance from 3.5-6.0
- Temperature tolerance from 88 - 93°F (31.1 - 33.9°C).

## directions for use

### Rehydration

For best results, add to liquids at temperatures of 90° to 105°F (30° to 40°C).

### Batch Fermentations

Added directly to the fermenter at a rate of 1 to 2 pounds per 1,000 US gallons (10 to 25 grams per hectoliter). Lower levels can be used if there is a propagation or conditioning stage before the fermenter.

## storage and handling

DistilaMax™ DS should be stored in a dry area away from extreme temperature variations and moisture for maximum stability. When stored under these conditions, the product is stable for 24 months from the date of manufacture.

## packaging

- 10-kilogram vacuum-sealed foil bag
- 500 gram vacuum sealed pouches

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