



## SafCider™ AS-2



### TO BRING SWEETNESS & COMPLEXITY TO YOUR CIDER

#### Ingredients:

Yeast (*Saccharomyces cerevisiae*\*), Emulsifier: sorbitan monostearate (E/INS 491)

#### Usage recommendations:

- For **sweet and dry ciders** from fresh or concentrated apple juices.
- **Fresh aromatic profile (apple, citrus) with nice elaborated fruit notes (applesauce) bringing a good overall complexity. Sweet and round mouthfeel.** *Please note that those observations are based on French cider recipe trials.*
- Suitable for difficult fermentation conditions and mixes with sugar syrups.

#### Technical characteristics:

- Very good settlement strength even with its sensitive to killer phenotype
- **Regular to fast kinetic**
- **Broad fermentation temperature spectrum: 10-30°C (50-86°F)**
- **Low nitrogen requirements: Ratio YAN\*\*(mg/L)/Sugar(g/L) > 0.7 – 0.8**
- **Good assimilation of fructose**
- Maximum initial SO<sub>2</sub> level recommended: 100mg/L – 0.013 oz/gal and **low production of acetaldehyde and SO<sub>2</sub>**
- Medium malic acid consumption (up to 0.9g/L - 0.012 oz/gal)
- Medium 2-phenylethanol and ester producer. **Good balance between acetate (amylic) and ethyl (fruity) esters**
- **Alcohol tolerance: 12 % v/v.**

#### Dosage:

10 to 20 g/hl - 0,013 to 0,026 oz/gal for first fermentation

\* According to « The Yeasts, A Taxonomic Study » 5<sup>th</sup> edition, C.P. Kurtzman and J.W. Fell, 2011.

\*\*YAN = Yeast Available Nitrogen



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## Rehydration procedure:



Lesaffre know-how and continuous yeast production process improvement generates an **exceptional quality of dry yeasts able to resist to a very wide range of uses, incl. cold or no rehydration conditions, without affecting their viability, kinetic and/or analytical profile.** Choose usage conditions that fit the best your needs:

### Direct inoculation

Pour the yeast on the surface of **at least 10 times their weight of must** (possibly directly on the top of the tank or during tank filling after clarification). Gently stir to avoid or break clumps. **Immediately transfer into the tank via a pumping over with aeration** (or homogenize tank volume).

### With prior rehydration

Pour the yeast on the surface of **10 times their weight of tap water at room temperature.** Gently stir to avoid or break clumps. **Wait for 20 minutes and transfer into the tank via a pumping over with aeration.**

## Packaging:

Box of 160 controlled atmosphere packed sachets of 5g - 0.17oz each (Full box net weight: 800g – 28.22oz)

Carton of 20 vacuum-packed sachets of 500g – 17.63oz each (Full box net weight: 10 kg - 352.74oz)

Carton of 1 vacuum-packed box of 10 Kg (Full box net weight: 10 kg - 352.74oz)

## Storage:

When storing for 6 months or less: the product must be stored under 25°C (77°F). To store more than 6 months: the product must be stored under 15°C (59.0°F). For a short period not exceeding 7 days, simply store in a cool, dry place.

## Shelf life:

48 months from production date. Refer to "best before" date printed on the sachet. Opened sachets must be sealed and stored at 4°C (39°F) or lower and used within 7 days of opening. Do not use damaged sachets.

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