**LIQUOR TREATMENTS****CALCIUM CHLORIDE SOLUTION 36%**

## TECHNICAL DATA SHEET

**Description**

Calcium Chloride Solution 36% is a slightly opalescent solution used to increase the mineral content of brewing liquor to improve its brewing quality and produce the desired beer characteristics.

Contains E 509.

**Benefits**

- Reduces the pH during mashing and wort boiling which improves enzyme activity
- Promotes the precipitation of unwanted proteins in the kettle, hop back or whirlpool
- Improves yeast health and flocculation
- Improves extract yield and fermentability
- Improves wort run off
- Reduces beer stone and can prevent gushing in beer
- Adds chloride ions for sweetness and mouthfeel

**Principle**

The objective of liquor treatment is to convert your water supply into acceptable brewing liquor. When applied correctly all the steps throughout the brewing process will be at the optimum pH.

**PRODUCT CODE**

CALCHLS36

**COMMODITY CODE**

28272000

**PACKAGING (kg)**

25, 250, 1300 kg

**STORAGE**

Keep in original container.

Keep containers sealed when not in use.

**Temperature**

Recommended storage temperature is 5°C - 20°C.

**Shelf Life**

At the recommended storage conditions, two years from date of manufacture.

## Application and Rates of Use

Rates of Calcium Chloride Solution 36% should be determined based on the final brew-length and are dependent on the levels of calcium, chloride and sulphate in your untreated liquor.

5 mL of Calcium Chloride Solution 36% per hL of your brew-length increases calcium levels by 6.5 mg/L (ppm) and increases chloride levels by 11.5 mg/L (ppm).

Knowing this information, you can calculate the amount of Calcium Chloride Solution 36% to increase the relevant ions to the ideal level.

## Guideline for use


- Check that the product is within its shelf life before use
- Regularly test your water to determine the optimal dosage for the best results
- Read the Safety Data Sheet prior to use

## TECHNICAL SUPPORT

+44 (0) 115 978 5494 | [techsupport@murphyandson.co.uk](mailto:techsupport@murphyandson.co.uk)

### REGULATORY COMPLIANCE INFORMATION

Refer to the '[Product Specification Sheet](#)' or contact us on:  
+44 (0) 115 978 5494 | [compliance@murphyandson.co.uk](mailto:compliance@murphyandson.co.uk)

	Product name : Calcium Chloride Solution
	Product code: CALCHLS36
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