



LIQUOR/WATER TREATMENTS

BRUWELL SC

TECHNICAL DATA SHEET

Description

Bruwell SC is a formulated blend of powdered calcium salts used to increase mineral content of brewing liquor to improve its brewing quality and produce the desired beer characteristics.

Contains E509

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 runoff
- A source of chloride and sulphate ions
- Reduces beer stone

PRODUCT CODE

BRWSC

COMMODITY CODE

25201000

PACKAGING (kg)

10 kg

STORAGE

Keep in original container.

Keep containers sealed when not in use.

Shelf Life

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

Application and Rates of Use

Bruwell SC is normally added to the grist prior to mashing but can be split across the mash and sparge liquor. To achieve best results we recommend any salts dosage in excess of 75g/hL be added 2/3 with the grist and 1/3 with the sparge. This will maintain an even distribution of calcium and help maintain pH levels throughout the mash and sparge.

Bruwell SC should NOT be added to the hot liquor tank (HLT), as some constituents are insoluble. They will remain in the hot liquor tank as opposed to being released into the grist, thus requiring the HLT to be cleaned on a regular basis.

Rates of Bruwell SC should be determined based on the final brew-length and are dependant on the levels of calcium, sulphate and chloride present in your untreated liquor.

10g of Bruwell SC per hl of your brew-length increases calcium levels by 24.3 mg/L (ppm) and increases chloride levels by 12.2 mg/L (ppm) and sulphate levels by 41.9 mg/L (ppm). Knowing this information you can calculate the amount of Bruwell SC needed to increase the relevant ions to the ideal level. Murphy and Son Ltd are more than happy to calculate these dosage rates for you.

Guideline for use

- Check that the product is within its shelf life before use
- Test you water regularly to obtain ideal dosage rates for the best results
- Read the Safety Data Sheet prior to use

TECHNICAL SUPPORT

+44 (0) 115 978 5494 | 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

 EST. 1887 MURPHY & SON For Health & Safety Information refer to the Safety Data Sheet.	Product name : Bruwell SC
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