**LIQUOR TREATMENTS****DWB**

## TECHNICAL DATA SHEET

**Description**

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

Contains E509 & E516

**Benefits**

- Lowers pH during mashing and wort boiling, enhancing enzyme activity
- Facilitates the precipitation of unwanted proteins in the kettle, hop back, or whirlpool
- Boosts yeast health and vigour
- Increases extract yield, fermentability, and wort runoff
- Minimises the extraction of undesirable silicates, tannins, and polyphenols
- Reduces beer stone formation and minimises the risk of gushing
- Enhances beer fining performance
- Promotes better head retention
- Adds chloride for palate fullness and sulphate to enhance bitterness and dryness

**Principle**

Treating your brewing liquor is vitally important. When applied correctly all the steps throughout the brewing process will be at the optimum pH. If it is applied incorrectly, you will get poor extract and beer that is difficult to clarify.

DWB contains essential calcium ions for pH control and adjusts sulphate and chloride ions to the desired levels in the correct ratios, ideal for most beer styles.

**PRODUCT CODE**

DWB

**COMMODITY CODE**

25201000

**PACKAGING (kg)**

20 kg

**STORAGE**

Store in original container.

Keep containers sealed when not in use.

**Temperature**

Recommended storage temperature is 5°C - 25°C.

**Shelf Life**

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

## Application and Rates of Use

DWB 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 75 g/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.

DWB should NOT be added to the hot liquor tank (HLT), as some constituents might 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 use:

Rates of DWB should be determined based on the final brew-length and are dependent on the levels of calcium, sulphate and chloride present in your untreated liquor. The rate of use can also be adjusted to suit different beer styles.

5 g of DWB per hL of your brew-length increases calcium levels by 8.3 mg/L (ppm). It also increases chloride levels by 9.9 ppm, sulphate levels by 17.5 ppm and sodium ions by 4.9 ppm.

## 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 : DWB
	Product code: DWB
	Doc Ref: TDS036
For Health & Safety Information refer to the Safety Data Sheet.	Issue Date: 12/03/25
	Issue Number: V01
	Written by: Celina Dugulin
	Authorised by: Iain Kenny