

LIQUOR TREATMENTS

DIONIC HT NO2

TECHNICAL DATA SHEET

Description

Dionic HT No.2 is blend of calcium and chloride salts used in conjunction with Dionic AT No.1 to adjust alkalinity and to increase desirable ions in food and beverage industry product waters. It is especially used in the brewing industry as a liquor treatment.

Benefits

- Reduces alkalinity ensuring optimum pH levels through the process
- Improves extract yield and fermentability
- Ensures correct balance of sulphate ions
- Improves clarity and stability of the finished product
- Filter performance is enhanced
- Reduced scale and sludge in liquor tanks

PRODUCT CODE

DHT20

COMMODITY CODE

2827000

PACKAGING (kg)

25 & 1150 kg

STORAGE

Keep in original container and sealed when not in use.

Temperature

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

Location

Store in cool conditions away from direct sunlight.

Shelf Life

At the recommended storage conditions, one year from date of manufacture.

Application and Rates of Use

The underlying principle of Dionic water treatment is that Dionic AT No1 contains the required sulphate ions, and reduces alkalinity. Dionic HT No2 contains the required calcium and chloride ions.

Dionic solutions can be added to the hot or cold liquor tanks but must be added separately. Do not mix the two solutions together prior to mixing.

Time should be allowed to release the carbon dioxide produced by the neutralisation of excess carbonate. Please also take in to account any residual treated liquor when topping up your tank as this will affect alkalinity levels.

Rates of use

Addition rates of Dionic HT No2 are dependent on the levels of alkalinity and other important ions in your untreated liquor as well as target profile / beer style being produced.

Addition of 5 mL Dionic HT No2 per hL of water increases the calcium by 4.3 ppm and increases the chloride by 7.5ppm.

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

REGULATORY COMPLIANCE INFORMATION

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

	Product name : Dionics HT No2
	Product code: DHT20
For Health & Safety Information refer to the Safety Data Sheet.	Doc Ref: TDS035
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