

**LIQUOR TREATMENTS****DIONIC AT NO1**

TECHNICAL DATA SHEET

Description

Dionic AT No1 is an acidic liquid used in conjunction with Dionic HT No2 to adjust alkalinity and increase desirable ions to make brewing liquor fit for purpose.

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
- Reduced scale and sludge in liquor tanks

PRODUCT CODE

DAT140

COMMODITY CODE

28272000

PACKAGING (kg)

25 & 1200 kg

STORAGE

Keep in original container.

Keep containers sealed when not in use.

Temperature

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

Precipitation may occur at low temperatures.

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 Dionic HT No2 contains the required calcium 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 into account any residual treated liquor when topping up your tank as this will affect alkalinity levels.

Rates of use:

Addition rates of Dionic AT No1 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 5mL Dionic AT No1 per hL of water reduces the alkalinity by 8.3 ppm and increases sulphate by 14.5 ppm. This dose rate will also increase the sodium ion content by 2.5 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

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 AT N01
	Product code: DAT140
For Health & Safety Information refer to the Safety Data Sheet.	Doc Ref: TDS034
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