

TECHNICAL INFORMATION SHEET: POTASSIUM CHLORIDE 99%- LIQUOR TREAT- MENT

PRODUCT NAME:
Potassium Chloride
99%

PRODUCT CODE:
POTCHL99-25K

COMMODITY CODE:
31042090

PACKAGING:
25kg

Description

Potassium Chloride 99% appears as a white odourless powder and is used to increase mineral content of brewing liquor to produce the desired beer characteristics.

Benefits

- Used as a liquor treatment in brewing to boost desirable chloride ions.
- Imparts palate fullness and sweetness.
- Does not add Sodium or Calcium ions.
- Contains anti-caking agent.

Guidelines for use

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



TECHNICAL SUPPORT

tel: +44 (0) 115 978 5494 | e: techsupport@murphyandson.co.uk

REGULATORY COMPLIANCE INFORMATION

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

HEALTH & SAFETY INFORMATION

Refer to the **Safety Data Sheet (SDS)**

Principle

The objective of liquor treatment is to convert your water supply into acceptable brewing liquor.

Chloride ions have a significant impact on beer flavour characteristics. Chloride imparts palate fullness and to an extent sweetness.

Application and rates of use

Potassium Chloride 99% is normally added to the grist prior to mashing and should NOT be added to the hot liquor tank (HLT).

Rates of potassium Chloride 99% addition should be determined based on the final brew-length and are dependant on the levels of chloride present in your untreated liquor.

Levels of the relevant ions present in your liquor can be obtained from your Local Water Authority or you can send in 50ml of your raw liquor to Murphy's laboratory for a full analysis and suggested treatment rates. Please note Local Authority reports can provide results that are not up to date and this may affect your calculations for ideal dosage rates. It is advisable to check the analysis of your water at least once a year, or on a more regular basis if the supply changes.

Once you have obtained your analysis of your raw liquor you can then calculate your dosage rates by selecting which beer type you wish to brew- this will help you determine how many ions to add.

5g of Potassium Chloride 99% per hectolitre increases the chloride content by 23.8ppm and potassium ions by 26.2ppm. Knowing this information you can calculate the amount of Potassium Chloride 99% needed to increase the relevant ions to the ideal level.

Murphy's are more than happy to help calculate these dosage rates for you.

Storage and shelf life

- Store in original container.
- Keep containers sealed when not in use.
- If stored correctly this product will have a shelf life of three years.



PRODUCT	POTASSIUM CHLORIDE 99%	PRODUCT CODE	POTCHL99-25K
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