



Product Information

Brewers' Gypsum

Description

BREWERS' GYPSUM is hydrated calcium sulfate used to correct mineral deficiencies in water which is to be used for brewing. It is used in de-mineralized or soft to medium hard water to increase permanent hardness. Used as directed, **BREWERS' GYPSUM** is effective in eliminating the variations in composition often encountered in water from surface sources. It will help establish proper pH of the mash and the wort and provide sufficient calcium ions essential for enzyme function, kettle protein coagulation and yeast metabolism.

Typical Properties

Form	Crystalline powder	
Color	White	
Solubility	0.26g per 100ml at 70°F	
Calcium, as Ca	Min. 23%	
pH of 10% slurry	7.3	
Bulk Density - pcf	42.0 loose	70.0 compacted
Specific Gravity	2.32	
Avg. particle size	12-15 microns	

Suggested Procedures For Use

If possible, make up a 1% solution of **BREWERS' GYPSUM** in cold water in a separate tank with vigorous mixing. Calcium salts are more soluble in cold water, and the mixing will help dissolve the salt more completely.

Dilute the **BREWERS' GYPSUM** solution into water being heated for mashing or for sparging. The final concentration of salts should be in the range of 100 to 1000 ppm (mg/L). This will require 2.5 to 25 lb/100 Bbl (10 to 100 g/Hl). If a tank is not available for making a solution ahead of time, the **BREWERS' GYPSUM** can be added directly to mash water or sparge water with as much mixing as possible to assure dispersion.

Approval For Use In Brewing

The ingredient in **BREWERS' GYPSUM** is approved for use in brewing and calcium sulfate is listed in the *Adjunct Reference Manual* of the United States Beer Institute.

Packaging & Storage

Store in closed containers under dry conditions. Packed in 50 lb. Bags. The product should be stored in a cool, dry place.

IMPORTANT FOR YOUR PROTECTION

The information and recommendations contained herein are to the best of our knowledge reliable. However, nothing herein is to be construed as a warranty of representation in respect of safety in use, suitability, efficacy or otherwise including freedom from patent infringement. Users should make their own tests for their particular purpose. We cannot accept any liability for any loss, damage or infringement arising from the use of the information and recommendation contained herein



Handling Precautions

Prolonged exposure to dust may cause skin or eye irritation. Inhalation of dust can result in sensitisation of susceptible individuals. Standard handling procedures should be followed to prevent direct contact with the product or inhalation of dust.

A separate Material Safety Data Sheet (MSDS) is available on request.

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