

TECHNICAL BULLETIN



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CREAM NEUTRALISER

POWDERED MILD NEUTRALISER

MATERIAL & FUNCTION

CREAM NEUTRALISER is a specially formulated blend of Sodium Carbonate and Sodium Bicarbonate which is used to reduce the acid content in Cream. It is added to cream to react with free fatty acids so that the cream does not sour and will have a longer shelf life.

The pH of a 1% solution is approximately 10 which is sufficiently alkaline to react with organic acids but is not so alkaline as to be regarded as life threatening in the event of being added in excess.

APPLICATIONS

1. Neutralisation of Cream
2. Cream Neutraliser is a source of mild alkali and can be used for acid spills. Small spills can be absorbed onto excess of the powder and shoveled into waste. Alternatively it can be added to spilled acidic liquid until bubbling finishes (bubbling is due to loss of carbon dioxide)

DIRECTION FOR USE

Neutralisation of Cream. Determine the acidity of the cream. Subtract the value for the desired acidity to obtain the desired reduction of acidity. Calculate the weight of Cream Neutraliser required:

$$\frac{\text{Desired Reduction}}{0.825} \times \frac{\text{Cream Volume}}{100} = \text{kg of Cream Neutraliser Reqd}$$

Mix the Neutraliser in pure warm water at a ratio of 1kg neutralizer to 5L water. Add to the cream with the agitator running (avoiding a large local pH increase in the cream). Mix for a minimum of 10 minutes.

CAUTION

Avoid contact with skin and eyes and avoid breathing dust.

PACKAGING

15 kg containers

IMPORTANT NOTICE TO CUSTOMER

Since the use of this product is beyond the control of either seller or manufacturer, their only obligation shall be to replace any quantity of product which is proven defective. They cannot assume any risk

liability in excess of the purchase price of the product itself, which does not include labour or a consequential damages resulting from the use of this product. Determining the suitability of this product for any intended use shall be solely the responsibility of the user. ALWAYS TEST FIRST
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