ULTRA

ANHYDROUS SODIUM ALUMINIUM SULPHATE

Sodium Aluminium Sulphate commercially known as **"SODA ALUM"** is used as acid media to liberate carbon dioxide from Sodium Bicarbonate. **SODA ALUM** is the most economical and effective of all the materials used as acid media in Food Industry. **SODA ALUM** is the most commonly used material for preparing BAKING POWDER.

ADVANTAGES OF "ANHYDROUS SODIUM ALUMINIUM SULPHATE"

- **SODA ALUM** helps in liberation of Carbon dioxide in two stages. In the dough stage due to presence of water part of Carbon dioxide is liberated steadily, increasing the workability of dough. Balance Carbon dioxide is liberated at the time of Baking, making the baked product uniform and highly porus.

- **SODA ALUM** has got less tendency to absorb water than most other materials used as acid media, thus minimizing the problem of Caking due to atmospheric moisture.

- The residual material from **SODA ALUM** after the reaction with Sodium Bicarbonate does not leave any unpalatable taste.

- **SODA ALUM** has got highest neutralization value (Bicarbonate equivalent 104%) and yet is the cheapest of all the materials used.

- **SODA ALUM** could be stored at normal atmospheric conditions for long period.

ULTRA CHEMICAL WORKS

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TECHNICAL DATA SHEET

PHYSICAL PROPERTIES :-

SODA ALUM is white Powder, with astrigent taste. This material is slowly soluble in water.
Bulk Density : 0.6 To 0.7 Gms./cc.
Packing : 50 kgs. HDPE bags.

CHEMICAL ANALYSIS :-

Moisture at 250° C	Max.	3.0%
Bicarbonate Equivalent		102 to 105%
Free Acidity	Max.	0.15%

METALLIC IMPURITIES :-

Arsenic	Less than	1 PPM
Lead	Less than	20 PPM
Zinc	Less than	50 PPM
Copper	Less than	30 PPM
Tin	Less than	200 PPM

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