

## [ SODIUM ALCOHOLATES ]

### [Sodium n -Butylate (SNB) in n -Butanol (19%) ]

- a] 19 wt % Solution in n-butanol.
- b] Density at 25°c -Approx. 0.86 gm/ml.

### 1] [ OTHER NAMES ]

- a] Sodium n - butoxide in n - butanol (19%)
- b] SNB in n - butanol (19 %)

### 2] [ CAS NO]

- a] 2372-45-4 for SNB
- b] 71-36-3 for n-butanol.

### 3] [ FORMULA WEIGHT ]

- a] 96.12 gm/mole.

### 4] [ TECHNICAL SPECIFICATION ]

- a] Appearance : Pale yellow liquid, darkens on exposure to air.
- b] Total alkalinity (%) : 19 - 21.
- c] Hydroxide Content (%) : 1 max.
- d] SNB content(%) : 18 - 20.

### 5] [ SOLUBILITY ]

- a] SNB is soluble in n-butanol and ethers.

### 6] [ STABILITY ]

- a] Atmospheric moisture and carbon dioxide reacts with SNB to produce sodium hydroxide and sodium carbonate. n-Butanol is liberated from these reactions. This solution becomes Cloudy and develops brown colour. SNB solution should be stored in cool place away from heat, sparks and flame.

### 7] [ PACKAGING ]

- a] Sample packing from 100 gms. to 500 gms in glass bottle.
- b] 170 kgs in 210 lit. steel drum.
- c] Any other packing as per customer request.

### 8] [ SAMPLING INSTRUCTIONS ]

- a] The product is packed uner dry nitrogen with positive pressure of nitrogen inside the drum.
- b] The quality of the product deteriorates very fast if exposed to atmosphere even for a brief period.
- c] While sampling, please ensure that the sample is taken out under dry nitrogen in a preweighed stoppered bottle and analysis is done immediately.
- d] After sampling, close the container securely after putting positive nitrogen pressure in the drum. This is very important so that the product does not deteriorate on storage.

### **9] [ SHIPPING INSTRUCTIONS ]**

- a] UN-2920, PG 1
- b] Corrosive flammable liquid.

### **10] [ PRODUCT PROPERTIES ]**

- a] Very high purity.
- b] Strong base.
- c] Selective and specific in many organic reactions.
- d] Low hydroxide content.
- e] Custom packaging available.
- f] Any quantities in bulk.

### **11] [ PRODUCT BENEFITS ]**

- a] Used for formation of glycol ethers.
- b] Moderately strong base for deprotonation and base catalysed reactions.