

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

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

SNB is soluble in n-butanol and ethers

6. STABILITY

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

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8. SAMPLING INSTRUCTIONS

- a. The product is packed under 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

SUPARNA CHEMICALS LTD
54 A Mittal Tower, Nariman Point, Mumbai India.
Phone No: 022-22027446/7/8/9
Email Id: domesticsales@suparnachemicals.co.in
export@suparnachemicals.co.in