

[SODIUM ALCOHOLATES]

[Sodium n - Propylate (SNP) in n - Propanol (20%)]

- a] 20 wt % Solution in n - propanol.
- b] Density at 25°C - Approx 0.86 gm/ml.

1] [OTHER NAMES]

- a] Sodium n - propoxide in n - propanol (20%).
- b] SNP in n - propanol (20%).

2] [CAS NO]

- a] 6819-41-6 for SNP.
- b] 71-23-8 for n - propanol.

3] [FORMULA WEIGHT]

- a] 82.08 gm/mole.

4] [TECHNICAL SPECIFICATION]

- a] Appearance : Yellow liquid.
- b] Total alkalinity (%) : 20 - 22.
- c] Hydroxide content (%) : 1 max.
- d] SNP content(%) : 19 - 21.

5] [SOLUBILITY]

- a] SNP is soluble in n - propanol and some ethers.

6] [STABILITY]

- a] Atmospheric moisture and carbon dioxide reacts with SNP to produce sodium hydroxide and sodium carbonate. n-propanol is liberated from these reactions. The solution becomes cloudy and develops colour. SNP solution should be stored in a 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 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 putting positive nitrogen pressure in the drum. This is very important so that the product does not deteriorate on storage.

9] [SHIPPING INFORMATION]

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

10] [PRODUCT PROPERTIES]

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

11] [PRODUCT BENEFITS]

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