

## Technical Data Sheet

| Sodium Silicate Liquid            |                           |                        |                  |               |
|-----------------------------------|---------------------------|------------------------|------------------|---------------|
| Product Name                      |                           | Sodium Silicate Liquid |                  |               |
| Grade                             |                           | Alkaline               |                  |               |
| Product Code                      |                           | AL-56B                 |                  |               |
| Technical Data Sheet (Properties) |                           |                        |                  |               |
| Chemical Properties               |                           |                        |                  |               |
| Sr. NO                            | Characteristic            | Unit                   | Specification    | Test Method   |
| 1                                 | Weight. Ratio             | -                      | 2.20 ± 0.10      | IS-14212:1995 |
| 2                                 | Molar. Ratio              | -                      | 2.27± 0.10       | IS-14212:1995 |
| 3                                 | Na <sub>2</sub> O Content | %                      | 16.5-17.5        | IS-14212:1995 |
| 4                                 | SiO <sub>2</sub> Content  | %                      | 35-37            | IS-14212:1995 |
| 5                                 | Total Dissolved Solid     | %                      | 52-54            | IS-14212:1995 |
| Physical Properties               |                           |                        |                  |               |
| 6                                 | Appearance                | -                      | Colorless Liquid | Visually      |
| 7                                 | Ph                        | -                      | 11 - 12          | Ph Meter      |
| 8                                 | Baume (Degree)            | <sup>o</sup> Be        | 56-57            | IS-14212:1995 |
| 9                                 | Sp Gravity                | -                      | 1.640-1.660      | IS-14212:1995 |

### Packing, Loading & Shelf life.

|                      |                                                                                              |
|----------------------|----------------------------------------------------------------------------------------------|
| Packing              | 50KG,100KG,250KG,300KG HDPE Drums , 1300 to 1400 KG IBC Tank<br>Tanker Loading – 10 to 30 MT |
| Loading – W/o Pallet | 50KG,100KG,250KG,300KG – 20 to 24 MT/20FCL<br>1300-1400 KG IBC Tank – 22 to 25 MT/20FCL      |
| Loading – On Pallet  | 50KG & 100KG – 18 to 20MT/20FCL<br>250KG & 300KG – 22 to 26 MT/20FCL                         |
| Shelf Life           | 36 Month under proper storage condition*                                                     |

**\* Proper Storage condition: Keep container tightly closed, keep in cool, dry and ventilated place, and avoid strong acid.**

|                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                      |
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| FIRM: GUJ-RJT- 82504<br>GSTIN: 24AARFP2558H1ZX<br>UAN: GJ32B0000361<br>CST / TIN: 24592010892<br>ISO 9001: 2015: TQS QMS/20180422320<br>CE MARKING: CE / 20180422321<br>IEC: AARFP2558H | Ankit Silicate<br>Survey No-259, P-3 B/H Nilkanth Ceramic<br>Jetpar Road, At- Bela, Morbi - 363642,<br>Gujarat (India).<br>E-Mail: <a href="mailto:sales@ankitsilicate.com">sales@ankitsilicate.com</a><br>Website: <a href="http://www.ankitsilicate.com">www.ankitsilicate.com</a> |
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