



## ***RiAct-Sx***

*Sodium Stearoyl Lactylate (SSL)*

### **Description**

*RiAct-Sx* is made from renewable raw materials derived from plant origin. It has versatile properties that improve a product's chemistry/processability.

### **Characteristic Values\***

| Properties                           | Units                | AOCS<br>Test Method | <i>RiAct-Sx</i><br>SSL |
|--------------------------------------|----------------------|---------------------|------------------------|
| <b>Physical:</b>                     |                      |                     |                        |
| Appearance                           | @ 25°C               | Visual              | Ivory Flakes           |
| Clarity (in liquid form)             | Gardner Tube         | Visual              | Clear                  |
| Color (in liquid form)               | Gardner Scale        | Visual              | 5 max                  |
| Moisture                             | %                    | Ca 2c-25            | 1 max                  |
| Melting Point                        | °C                   | Cc 1-25             | 50 +/- 5               |
| Emulsion (5% disp. in hot water w/w) | @ 25°C               | Visual              | Stable                 |
| pH (pH paper dip in liquid)          | pH Scale             | Visual              | 7 +/- 1                |
| <b>Chemical:</b>                     |                      |                     |                        |
| Acid Value                           | mg KOH/g             | Cd 3d-63            | 60 – 80                |
| Saponification Value                 | mg KOH/g             | Cd 3-25             | 210 – 270              |
| Ester Value                          | mg KOH/g             | Formula (SV-AV)     | 150 – 190              |
| Iodine Value                         | cg I <sub>2</sub> /g | Tg 1-64             | 2 max                  |
| Soap as Na Stearate                  | %                    | RRMPL               | 58 – 62                |
| Total Lactic Acid Con.               | %                    | RRMPL               | 23.0 – 34.0            |

\*Slight variations in the characteristic values stated are possible due to production made out of natural raw materials but it shall have no influence on its application functionalities.

**Packing:** In Bags (net wt. 25 kgs)

**Shelf Life / Storage:** Shelf life is 12 months from manufacturing date when stored in a cool place (< 35°C), in tightly closed packaging, protected from dust, heat, & moisture.