

## Technical Data Sheet

**PRODUCT NAME: SUNEX CAT-4003**

### Product Descriptions:

SUNEX CAT-4003 is chemically Tetra- n-butyl titanate, it is use as a catalyst for esterification, transestrification and condensation reactions.

### Active Advantages:

- ❖ Highly reactive Lewis acid base

### Basic Properties:

- ❖ Appearance : Clear liquid to pale yellow
- ❖ Active Content : 98±2% Approx
- ❖ Specific Gravity : 0.991-1.0 @ 25 °C (Kg/Ltr)
- ❖ Molecular Weight : 340
- ❖ Titanium Content : 13.44 – 14.20

### Area of Application:

- ❖ Esterification
- ❖ Transestrification
- ❖ Condensation

### Packing Size:

- ❖ 25 Kg Carboy

### Safety & Handling:

For safe handling must be follow instruction as under:

- ❖ It should be stored in cool and dry place sealed original pack.
- ❖ Avoid additives, contact with human body, wear gloves & mask during the handling the polymer lumps.
- ❖ In case of body contact carefully wash with acetone and alcohol, after that thoroughly clean with soap and water.
- ❖ In case of eye contact, wash with running water for about 15-20 minutes and treat under the supervision of medical officer only.

### Storage Conditions:

- ❖ It should be stored in dry place temperature in between 4-40 centigrade in original container kept tightly closed.

**Disclaimer:** All suggestions for use of our recommended products cited here are based on the results of tests carried out in our R&D lab and correct to the best of our knowledge and belief. However, no legal liability can be accepted with respect of such information as we cannot control the application procedures adopted by our users. We suggest having a pilot trial for the users prior to full commercialization of this product.