



## — TECHNICAL DATA SHEET —

### 三丁基氢化锡 Tributyltin Hydride(TBTH)

**CAS No.:** 688-73-3

**MF:** C<sub>12</sub>H<sub>28</sub>Sn

**MW:** 291.06

**Physical property:**

Density: 1.802 g/ml at 20°C (lit.)

Refractive index: 1.473<sub>n</sub>20/D(lit.)

Boiling point: 80°C/0.4 mmHg

Flashing Point: 40°C

Solubility: Insoluble in water, soluble in organic solvents.

**Specifications:**

Appearance: Yellow to colorless liquid

Tin content: 40.75±0.5%

Purity: 98% Min

**Applications:**

1. Tributyltin hydride can be used as selective reducing agent
2. Tributyltin hydride can cause carbon free radicals
3. Tributyltin hydride is widely used in pharmaceutical industry as Universal Reducing Agent of Synthesizing API intermediates

**Packing:**

200 kg/ Plastic drum