

## Technical Data Sheet

### Tween 80

#### Compound Information

|                    |                                                |
|--------------------|------------------------------------------------|
| Product Name:      | Tween 80                                       |
| CAS No.:           | 9005-65-6                                      |
| Molecular Formula: | C <sub>24</sub> H <sub>44</sub> O <sub>6</sub> |
| Molecular Weight:  | 428.600006103516                               |
| Storage:           | Store at RT                                    |
| Revision Date:     | 2026-04-15                                     |

#### Analytical Information

| Tests                       | Specifications                            |
|-----------------------------|-------------------------------------------|
| Specific Gravity            | 1.080 (25/4 °C)                           |
| Viscosity                   | 370 - 480 at 25 °C                        |
| Heavy Metals                | ≤ 10 ppm                                  |
| Water Content (Karl Fisher) | ≤ 3%                                      |
| Acid value                  | ≤ 2 mg KOH/g                              |
| Saponification Value        | 45 - 55                                   |
| Residual Solvents           | 1, 4 Dioxane : ≤ 1 ppm                    |
| Residue After Ignition      | 0.000 - 0.250%                            |
| Additional Information      | Hydroxyl values : 65 - 80, POE : 65 - 70% |
| Appearance                  | Clear yellow to amber liquid              |
| <a href="#">IR</a>          | Pass test                                 |
| <a href="#">Raman</a>       | Pass test                                 |

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