

Product Datasheet

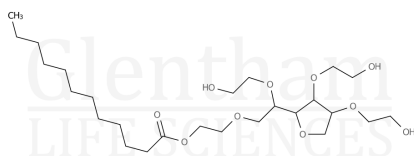
GE1584 - Tween 20, BP, Ph. Eur., USP/NF grade

Product Details

| | |
|--------------------|---|
| Product Name | Tween 20, BP, Ph. Eur., USP/NF grade |
| Glentham Code | GE1584 |
| CAS Number | 9005-64-5 |
| EINECS | 500-018-3 |
| MDL Number | MFCD00165986 |
| Related Categories | Biochemicals, Detergents, Raw Materials (IVD), Reagents for PCR, Reagents for Cell Culture, Reagents for Western Blotting |

Structure

| | |
|-------------------|--|
| Molecular Weight | : 1227.54 |
| Molecular Formula | : C ₅₈ H ₁₁₄ O ₂₆ |



Glentham Product Specification

| | |
|--------------------------------|---|
| Physical Description | : Clear, light-yellow to brown-yellow liquid |
| Identification | : To pass BP, Ph. Eur., USP/NF tests |
| Colour (Gardner) | : ≤ 10 (25°C) |
| Acid Value | : ≤ 2.0mgKOH/g |
| Hydroxyl Value | : 96 - 108 mgKOH/g |
| Peroxide Value | : ≤ 10.0meq/kg |
| Saponification Value | : 40 - 50 mgKOH/g |
| Composition of fatty acids | : Caproic acid: ≤ 1.0% : Caprylic acid: ≤ 10.0% : Capric acid: ≤ 10.0% : Lauric acid: 40.0 - 60.0 % : Myristic acid: 14.0 - 25.0 % : Palmitic acid: 7.0 - 15.0 % : Stearic acid: ≤ 7.0% : Oleic acid: ≤ 11.0% : Linoleic acid: ≤ 3.0% |
| Ethylene Oxide | : ≤ 1ppm |
| 1,4-Dioxane | : ≤ 10ppm |
| Heavy Metals (as Pb) | : ≤ 10ppm |
| Water | : ≤ 3.0% |
| Sulphated Ash | : ≤ 0.25% |
| Residual Solvents | : To pass tests |
| Pharmacopoeia Specification(s) | : Conforms to BP, Ph. Eur., USP/NF |
| Version | : v1.1 |

Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as hazardous under CLP.
Not classified as dangerous for transport.

About Tween 20, BP, Ph. Eur., USP/NF grade

Tween 20, or polysorbate 20, is a nonionic surfactant used as a detergent and emulsifier in a number of biochemical applications. The molecule is formed of 20 repeating polyethylene glycol units, which are hydrophilic in nature, attached to a hydrophobic hydrocarbon tail.

Product Datasheet