

## Product Datasheet

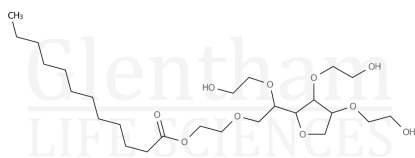
### GE1584 - Tween 20, BP, Ph. Eur., USP/NF grade

#### 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 <sub>58</sub> H <sub>114</sub> O <sub>26</sub>



#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

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

#### 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

#### 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.

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