

Product Datasheet

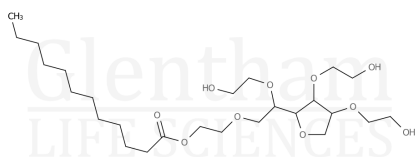
GD9856 - Tween 20

Product Details

Product Name	Tween 20
Glentham Code	GD9856
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, Cosmetic Raw Materials

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
Colour (Gardner)	: ≤ 5 (25°C)
Peroxide Value	: ≤ 5 meq/kg
Saponification Value	: 40 - 50 mgKOH/g
Hydroxyl Value	: 96 - 108 mgKOH/g
Acid Value	: ≤ 2.0 mgKOH/g
Sulphated Ash	: $\leq 0.2\%$
Water	: 2.5 - 3.0 %
Heavy Metals	: ≤ 10 ppm
Ethylene Glycol	: ≤ 620 ppm
1,4-Dioxane	: ≤ 10 ppm
Ethylene Oxide	: ≤ 1 ppm
Version	: v1.1

About Tween 20

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.

Storage

Recommended storage temperature: +20°C.

Hazards and Transport

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

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