

## 78025 Tween™ 20

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Ethoxylated sorbitan ester

Tween 20 is an ethoxylated sorbitan ester based on a natural fatty acid (lauric acid). This ethoxylate is highly effective at forming oil in water emulsions, particularly when used in combination with its non-ethoxylated precursor, Span™ 20.

### Physical Properties:

HLB Number:	16.7
Form:	Liquid
Acid value:	1 mg KOH/g
Hydroxyl value:	102 mg KOH/g
Saponification value:	45 mg KOH/g
Water content:	2.75 % w/w
Color (Gardner):	2.5

### Applications:

- Construction chemicals
- Emulsion and dispersion technology
- Ink additives for ceramic tiles
- Surfactants and chemical intermediates
- Technical and industrial fibre chemicals

### Functions:

- High HLB surfactant
- Silicone emulsifier
- Oil in water emulsifier
- Oil solubiliser
- Micro emulsifier
- NPE 20 alternative
- Inherently biodegradable

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