

## TECHNICAL SPECIFICATION

Product: SURFACARE T80 VEG

Date: 15/08/2019

Version: 5

### Specification

Property	Units	Minimum	Maximum
Acid value	mg KOH/g		2.0
Hydroxyl value	mg KOH/g	65	80
Peroxide value	mVAL O <sub>2</sub> /kg		10.0
Saponification value	mg KOH/g	45	55
Myristic acid	%		5.0
Palmitic acid	%		16.0
Palmitoleic acid	%		8.0
Stearic acid	%		6.0
Oleic acid	%	58.0	
Linoleic acid	%		18.0
Linolenic acid	%		4.0
Ethylene oxide	ppm		1
Dioxan	ppm		10
Water	%		3.0
Total ash	%		0.25

### Description

Surfacare T80 VEG is a Polyoxyethylene 20 sorbitan mono-oleate. This product is suitable for cosmetic and pharmaceutical applications and complies with the current British and European Pharmacopoeia.

### Features & Benefits

Surfacare T80 VEG is a mild, nonionic surfactant. This product can be used as a surfactant for skin and hair cleansing products, a solubiliser for lipophilic oils and an emulsifier for O/W emulsions.

### Characters and Identification

Property	
Appearance	Oily, yellowish or brownish-yellow, clear or slightly opalescent liquid.
Solubility	Dispersible in water, anhydrous ethanol, ethyl acetate and methanol, practically insoluble in fatty oils and liquid paraffin.
Relative Density	Ca 1.10
Viscosity	Ca 400 mPa.s @25°C

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Identification	
A: Infrared	Conforms to Ph Eur
B: Hydroxyl value	Complies with test
C: Saponification value	Complies with test
D: Fatty Acid composition	Complies with test
E: Identity	Conforms to Ph Eur

## Handling & Storage

Store in cool, well ventilated area. Keep container tightly closed. Do not handle in a confined space.

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