

# ALKEST® TW 80 K

## DESCRIPTION

ALKEST® TW 80 K is a polyoxyethylene (20) sorbitan monooleate

## PHYSICAL PROPERTIES<sup>1</sup>

Appearance (25°C)	Clear Amber Liquid
Active Content, wt%	100%
Moles of EO	20
Hydroxyl Number	73 mgKOH/g
Cloud Point*	54°C
HLB	15.0
Flash Point (Open cup)	> 150°C
Melting Point	0°C
pH (5 wt% aqueous, 25°C)	6.5
Viscosity (25°C)	400 cSt
Density (25°C)	1.090 g/mL
Boiling Point	> 100°C
Saponification Value	50
Color (Gardner, 25°C)	4.0 (max)
Water Content	≤ 3.0 %
Solubility	Soluble in Water at 25°C

## CHARACTERISTICS AND BENEFITS

- Versatile surfactant for oil in water emulsification
- Bio-based surfactant
- Humectant
- Compatible with cationic, anionic and other nonionic surfactants

## STORAGE AND HANDLING

Store in a covered, well-ventilated area, away from sunlight and away from sources of heat or open flame. Ensure that the storage locale has adequate control of temperature, pressure, and humidity. Keep the containers hermetically sealed when not in use. For more information, consult the Safety Data Sheet (SDS).

## SHELF LIFE

24 Months from manufacturing date

## STANDARD PACKAGING

Drums (490 lbs, 222 kg)	Bulk
Totes (metric ton)	Samples

\*1 wt% in a 10% NaCl aqueous solution

## ADDITIONAL INFORMATION

Sourcing	Oleo/Synthetic
Percent Renewable Content	32%
INCI Name	Polysorbate 80
NF Compliant	No
FCC Compliant	Yes
RSPO (Mass Balance)	Available
Non-GMO	Available
Kosher/Halal Compliant	Yes
US Production	Yes

## REGULATORY

CAS Registry No. <sup>2</sup>	9005-65-6
USA (TSCA)	Listed
Canada (DSL)	Listed
US DOT	Not classified
US EPA Inert Ingredient	40 CFR 180.910
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<sup>1</sup>The physical properties described in the table are only for informational purposes and may be changed without notice. Please contact Oxiteno for updated data. <sup>2</sup>Chemical Abstracts Service.A1614-v01

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## COMMERCIAL OFFICES

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