

ALKEST® TW 80 FGM K

DESCRIPTION

ALKEST® TW 80 FGM K is a polyoxyethylene (20) sorbitan monooleate produced from non-GMO materials

PHYSICAL PROPERTIES¹

Appearance (25°C)	Clear Amber Liquid
Active Content, wt%	100%
Moles of EO	20
Hydroxyl Number	73 mgKOH/g
HLB	15.0
Flash Point (Closed Cup)	> 149°C
Melting Point	> 20°C
pH (5 wt% aqueous, 25°C)	6.5
Viscosity (25°C)	400 cSt
Density (25°C)	1.072 g/mL
Boiling Point	> 100°C
Saponification Value	50
Color (Gardner)	4.0 (max)
Water Content	≤ 3.0 %

CHARACTERISTICS AND BENEFITS

- Versatile surfactant for oil in water emulsification
- Water soluble emulsifier
- Bio-based surfactant and humectant
- Polysorbate-80 that does not use genetically modified organisms (GMOs) during its production

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, 223 kg) Bulk
 Totes (metric ton)

ADDITIONAL INFORMATION

Sourcing	Oleo/Synthetic
Percent Renewable Content	32%
INCI Name	Polysorbate 80
RSPO (Mass Balance)	Available
Non-GMO	Yes
Kosher/Halal Compliant	Yes

REGULATORY

CAS Registry No. ²	9005-65-6
USA (TSCA)	Listed
Canada (DSL)	Listed
Australia (AICS)	Listed
China (IECSC)	Listed
Korea (ECL)	Listed
New Zealand (NZIoC)	Listed
Philippines (PICCS)	Listed
US DOT	Not classified

¹The physical properties described in the table are only for informational purposes and may be changed without notice. Please contact Oxiteno for updated data. ²Chemical Abstracts Service.A1470

DISCLAIMER

This information is given in good faith, based on Oxiteno's current knowledge on the subject, and is purely indicative. Any information, including suggestions for using the products, should not preclude experimental testing and verification, which are essential to ensure the suitability of the products to each specific application. All users shall also abide by local laws and obtain all necessary permits. When handling the product, consult the safety data sheet. In case of questions or additional needs, please contact Oxiteno through our customer service channels.

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