

ALKEST® TW 20

DESCRIPTION

ALKEST® TW 20 is a polyoxyethylene (20) sorbitan monolaurate

PHYSICAL PROPERTIES¹

Appearance (25°C)	Clear Yellowish Liquid
Active Content, wt%	100%
Moles of EO	20
Hydroxyl Number	102 mgKOH/g
Cloud Point*	66°C
HLB	16.7
Flash Point (Open cup)	> 150°C
Melting Point	< 20°C
pH (5 wt% aqueous, 25°C)	6.0
Viscosity (25°C)	373 mPa.s
Density (25°C)	1.098 g/mL
Boiling Point	> 100°C
Saponification Value	45 mgKOH/g
Color (Gardner, 25°C)	3.0 (max)
Water Content	≤ 3.0 %
Solubility	Soluble in Water at 25°C

*1 wt% in a 10% NaCl aqueous solution

ADDITIONAL INFORMATION

Sourcing	Oleo/Synthetic
Percent Renewable Content	28%
INCI Name	Polysorbate 20
NF Compliant	Yes
FCC Compliant	Yes
RSPO (Mass Balance)	Available
Non-GMO	Available
Listed on CleanGredients ^{®3}	Yes
Kosher/Halal Compliant	Available
US Production	Yes

CHARACTERISTICS AND BENEFITS

- Versatile surfactant for oil in water emulsification
- Water soluble food emulsifier
- Humectant
- Bio-based surfactant

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 (500 lbs, 227 kg)	Bulk
Totes (metric ton)	Samples

REGULATORY

CAS Registry No. ²	9005-64-5
USA (TSCA)	Listed
Canada (DSL)	Listed
US DOT	Not classified
US EPA Inert Ingredient	40 CFR 180.910
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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. ³For more information, please visit Oxiteno's product listings on the CleanGredients[®] database (www.cleangredients.com)A1655-v0

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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