



双 创 国 际 有 限 公 司
TWIN INTERNATIONAL CO., LIMITED

Technology Data Sheet

Chemical Name: industrial grade Tween 81

Molecular Formula: C₃₄H₆₄O₁₁ CAS NO.: 9005-65-6

Synonyms:

Sorbitan monooleate w/5; Polysorbate 81

Characteristics:

Amber oily liquid. Relative density: 1.00 ± 0.05, HLB value: 10.0. Soluble in hard water, diluted acid/alkalis and most organic solvents.

Product Name	Tween 81 (industrial grade)		
Batch No.	TW-160823		
Shelf life	24 months		
Items	Standard	Results	
Appearance	Amber oily liquid	confirm	
Acid Value(KOH mg/g)	≤2.0	1.75	
Saponification Value(KOH mg/g)	90 - 105	101.4	
Hydroxyl Value(KOH mg/g)	135 - 165	151	
Water(%)	≤3.0	0.82	
Conclusion: conform to the requirement			
checker	yulifang	Analyst	zhangdeshen

Usage:

As emulsifier, solubilizer, stabilizer, diffusant, lubricant and used for oil and gas.

Packing: 220kg/drum, 1000kg/IBC, 20ton/FCL

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