

# ALKAMULS<sup>®</sup> PSML 20 MB

TECHNICAL DATA SHEET NA 90076455 – MARCH 2019

## PROVISIONAL

### IDENTIFICATION

Chemical Name: ETHOXYLATED SORBITAN MONOLAURATE  
INCI Name: POLYSORBATE 20  
CAS Number: 68154-33-6

### SPECIFICATIONS

Moisture (Karl Fisher), %  
Acid Number, MG KOH/G  
Hydroxyl Number, MG KOH/G  
Appearance @ 25 Deg C  
Saponification Number, MG KOH/G

### RESULTS

3.0 Max  
2.0 Max  
96.0 – 108.0  
Clean, Clear Liquid  
40.0 – 50.0

### METHOD

RP-0327  
RP-0008  
RP-0245  
RP-0064  
RP-0496

### TYPICAL PROPERTIES

HLB 16.7  
Flash Point (Deg F, COC ASTM D-92) >300.0  
Density (g/cm<sup>3</sup>) (77F (25C)) 1.1  
Solubility  
Water Solubility: Soluble  
Aromatic Hydrocarbons: Soluble

### STANDARD APPLICATIONS

ALKAMULS<sup>®</sup> PSML 20 MB is a polyethoxylated sorbitan monolaurate with approximately 20 moles of ethylene oxide. Emulsifier and co-emulsifier for petroleum oils, fats, solvents and waxes in cosmetics. Viscosity modifier in non-irritating shampoos. Co-emulsifier in dye carrier formulations. Spin aid for nylon and fines aid for rayon finishing. Low order of toxicity. Good emulsification characteristics, particularly in combination with high or low HLB surfactants to form W/O or O/W emulsions.

### STANDARD PACKAGING

ALKAMULS<sup>®</sup> PSML 20 MB is available in Bulk Quantities, 496 LB. Closed Head Poly Drums, and 2300 LB. Totes. Alternative package sizes may be available upon request.

### SHELF LIFE

ALKAMULS<sup>®</sup> PSML 20 MB has a shelf life of 730 days.

#### WARNING

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