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TECHNICAL DATA SHEET

Product Name : ACH SN465
Chemical Name : Non-ionic Surfactant, Acetylenic Diol Ethoxylated (65% EO by mass)
CAS Number : 9014-85-1

Specifications:

Item	Typical Value	
Appearance	Light Yellow to Yellow Liquid	
Color (APHA)	350 Max	
Active ingredient(s), %	100.0	
Density (20 °C), g/ml	1.035 – 1.055	
Viscosity (25 °C), cP	313	
Solubility in water	Trace soluble	
HLB value	13	
Static-surface tension (25 °C)	0.01 wt %	0.1 wt %
dyne/cm	47	42
Dynamic-surface tension (25 °C)	6 b/s	
Dyne/cm (0.1 wt % loading)	43	

Properties:

ACH SN465 is an alkyl phenol ethoxylate-free, silicone-free, and solvent-free, nonionic surfactant that offers excellent wetting and foam control in waterborne systems.

Applications:

ACH SN465 is widely used as an additive in adhesives, pigment and dye dispersions, coatings (industrial and architectural), inks, cement, overprint varnish, agrochemical, and oilfield chemicals.

ACH SN465 complies with the following FDA requirements for food contact: 21 CFR 175.105 – Adhesives, 21 CFR 175.170 – Components of paper and paperboard in contact with aqueous and fatty foods, 21 CFR 176.180 – Components of paper and paperboard in contact with dry food, and 21 CFR 175.300 – Resinous and polymeric coatings.

Suggested Usage:

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0.1% to 3.0% of total formulation.

Safety and Stock:

Store this product in cool, dry, ventilated place, away from fire source, oxidants, sunshine, and rain.

Shelf-life: 5 years.

Packaging:

Available in 20 Kg plastic drums and 200 Kg drums.

Revised 03/14/2022