



Offering reliable & sustainable solutions

TECHNICAL DATA SHEET

Product Name : ACH SN440
Chemical Name : Non-ionic Surfactant, Acetylenic Diol Ethoxylated (40% 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	0.980 – 0.995	
Viscosity (25 °C), cP	287	
HLB value	8	
Static-surface tension (25 °C)	0.01 wt %	0.1 wt %
dyne/cm	45	33
Dynamic-surface tension (25 °C)	6 b/s	
Dyne/cm (0.1 wt % loading)	36	

Properties:

ACH SN440 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 SN440 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 SN420 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:

Achiewell LLC
Tel:1-267-217-7046

401 A Industrial Drive
Fax:1-267-217-7093

North Wales, PA, 19454, USA
www.achiewell.com



Offering reliable & sustainable solutions

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