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TECHNICAL DATA SHEET

Product Name : ACH SN420
Chemical Name : Non-ionic Surfactant, Acetylenic Diol Ethoxylated (20% EO by mass)
CAS Number : 9014-85-1 and 126-86-3

Specifications:

Item	Typical Value
Appearance	Light Yellow to Yellow Liquid
Color (APHA)	350 Max
Active ingredient(s), %	100.0
Density (20 °C), g/ml	0.942 – 0.958
Viscosity (25 °C), cP	363
HLB value	4
Static-surface tension (25 °C)	0.1 wt %
dyne/cm	33.6
Dynamic-surface tension (25 °C)	6 b/s
Dyne/cm (0.1 wt % loading)	34.0

Properties:

ACH SN420 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 SN420 is widely used as an additive in adhesives, pigment and dye dispersions, coatings (industrial and architectural), inks, agrochemical, and ore floatation.

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:

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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 180 Kg drums.

Revised 03/14/2022