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TECHNICAL DATA SHEET

Product Code: ACH SN104

Product: Tetramethyl-5-decyne-4, 7-diol, 2,4,7,9 - (TMDD)

CAS No.: 126-86-3

Description and Applications:

ACH SN104 is an acetylenic diol nonionic surfactant that offers excellent wetting under static and dynamic conditions and allows controlling foam. It does not contain alkyl phenol ethoxylates (APEs). ACH SN104 is widely used as an additive in adhesives, coatings, inks, pigment dispersions, surface cleanings, and other products.

ACH SN104 is also available in various solvents including 2-Ethylhexanol, 2-Butoxyethanol, Dipropyleneglycol Monomethylether, Ethylene Glycol, Isopropyl Alcohol, Propylene Glycol and inorganic carrier.

Typical Physical Properties:

Property	ACH SN104	
Appearance	White waxy solid	
Active ingredient	100%	
Density (25 °C), g/ml	0.895	
HLB value	≤4	
Melting point range, °C	52 to 56	
Static-surface tension (25 °C), dyne/cm	0.01 wt%	51
	0.1 wt%	33
Dynamic-surface tension (25 °C), dyne/cm	0.1 wt% at 1 b/s	33
	0.1 wt% at 6 b/s	36

Suggested Usage: 0.2% to 2.0% of total formulation. Heating this waxy solid product into a liquid will facilitate adding it.

Packaging: 25 kg plastic drum, 180 kg iron drum, other packaging sizes available.

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

The information given herein in good faith and free of charge is believed to be accurate and reliable. It is not intended to meet any specification(s). The company makes no warranties and undertakes no responsibilities regarding this product except as stated in contract documents for its supply.