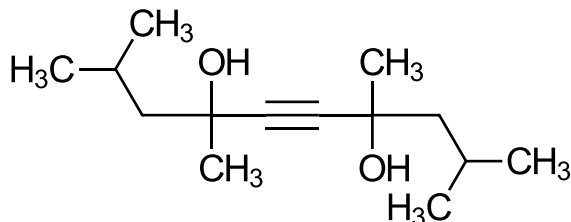


TECHNICAL DATA SHEET

Product Name : ACH SN104
 Chemical Name : Tetramethyl-5-decyne-4, 7-diol, 2,4,7,9 (TMDD)
 Molecular Weight : 226.36
 CAS Number : 126-86-3
 Chemical Structure :



Specifications:

Item	Typical Value	
Appearance	White waxy solid	
Color (APHA), max	350	
Water	1.0	
TMDD, %	98.5 Min	
HLB value	≤4	
Melting point range, °C	52 to 56	
Static-surface tension (25 °C)	0.01 wt %	0.1 wt %
dyne/cm	51	32
Dynamic-surface tension (25 °C)	1 b/s	6 b/s
Dyne/cm (0.1 wt % loading)	33	36.7

Properties:

ACH SN104 is an alkyl phenol ethoxylate free, nonionic surfactant that offers excellent wetting under static and dynamic conditions and foam control in waterborne systems.

Applications:

ACH SN104 is widely used as an additive in adhesives, coatings, inks, overprint varnish, pigment & dye dispersions, surface cleanings, agricultural chemicals, ore floatation, rubber compounding and emulsion polymerization.



Offering reliable & sustainable solutions

ACH SN104 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:

0.1% to 3.0% of total formulation. Heating this waxy solid product into a liquid will facilitate adding it.

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.

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

Revised 03/14/2022