

Chemal LFL-47

CHEMICAL NAME	Alkoxyated Linear Alcohol
INCI NAME	-
CAS NUMBER	68987-81-5
FUNCTION	Low Foaming Agent, Emulsifier, Wetting Agent, Cleansing Agent
TECHNICAL REQUIREMENTS	Color (APHA) 100 Maximum Cloud Point, °C (1% Aqueous) 45 – 49 pH (1% Aqueous) 5.5 – 7.0 Water, % 0.5 Maximum Activity 99.5 Maximum
GENERAL DATA	Appearance @ 25°C Clear to Slightly Hazy Liquid Specific Gravity @ 25°C 1.02 Pounds per Gallon 8.49 Aqueous Solubility Dispersible Surface Tension (dynes/cm) 35.3 Draves Wetting @ 25°C (sec) > 180 HLB 16
APPLICATION	Chemal alkoxyated alcohols are generally low foam surfactants which provide wetting, detergency, and defoaming properties. They are used in rinse aids and mechanical dishwashing detergents, spray metal cleaning formulations, and other detergent products where low foaming properties are required. Chemal LFL-47 is primarily recommended for evaluation in defoaming, wetting, detergent, and rinse aid anti-streaking applications.

Revision Date: 16.05.2016