



SPECIFICATION SHEET

Surfactant G9A6

A synthetic C9-C11 detergent alcohol ethoxylate which contains approximately six moles of ethylene oxide.

SPECIFICATION

Appearance, 25°C	Clear to hazy liquid.
Colour, Pt-Co	100 max
Cloud point, 1% aqueous solution, °C	50-55
Polyethylene glycol, % w/w	3.0 max
pH, 1% aqueous solution	6-8
Water, %w/w	0.5
Hydroxyl Value	127-137 mgKOH/g

TYPICAL PROPERTIES

HLB	12.4
Melting point, °C	< 0
Specific Gravity, g/mL @ 20°C	0.987
Viscosity, cP @ 20°C	38

SOLUTION PROPERTIES

	1.0%	0.1%	0.01%	
Surface Tension	24.5	24.0	28.5	
	mN/m			
Tape Wetting	inst	3	29	sec
Foam Height, initial	19.5	15.0	6.5	cm
Foam Height, final	13.5	13.5	5.5	cm

Measurements made at 20°C

SOLUBILITY

SURFACTANT G9A6 is readily soluble in water, simple alcohols, glycol ethers, esters, chlorinated solvents and many aromatic oils and solvents. It is insoluble in middle distillate fractions and paraffinic oils.

The content of this specification is produced by RPL from information provided from its source. Whilst all care is taken, RPL does not warrant the accuracy of the information and the customer must satisfy itself as to the suitability of the goods for the customers purpose.

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