



*PO Box 707 ♦ Downingtown, Pennsylvania 19335*

*610-518-2519 (office) ♦ 610-518-2517 (fax)*

## **NONYL PHENOL ETHOXYLATES (NPE)**

### **SALES SPECIFICATIONS:**

<b><u>PROPERTY</u></b>	<b><u>NPE-9</u></b>	<b><u>NPE-9.5</u></b>	<b><u>NPE-10</u></b>
Appearance		clear, haze-free liquid	
Cloud Point, deg C	51-56	52-56	60-65
Color, Pt-Co, max	50	50	50
pH	6.5-7.5	6.5-7.5	6.5-7.5
% water, max	0.2	0.2	0.2
Molecular wt	608-618	638	638-682
Moles of EO	9	9.5 avg	10
HLB	12.9	13.1	13.6
Water soluble	yes	yes	yes
Flash point, deg F	477	460	387
Solidification temp, deg C	0	4 (approx)	7 (approx)
Density @ 25 C	1.055	1.057	1.062
Weight, lbs/gal	8.80	8.81	8.84
Viscosity @ 25 C, cst	270-280	275-285	280-290
Surface Tension, dynes		30	31

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