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TECHNICAL BULLETIN

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**TRISURF LA 105**

**DESCRIPTION:**

**Trisurf LA 105** is a replacement for Nonyl phenol ethoxylate 6 mole EO. This surfactant blend closely matches the properties of NP 6 making it a good formulary replacement.

**TYPICAL PROPERTIES:**

<b>Appearance:</b>	Clear to Hazy Liquid
<b>pH (5% soln.):</b>	5.0-7.0
<b>Color:</b>	80 Max
<b>Moisture:</b>	0.5% Max
<b>Hydroxyl Value:</b>	128-138 (mg KOH/g)
<b>Specific Gravity:</b>	0.95-0.97
<b>HLB:</b>	10.2

**GENERAL:**

- Excellent biodegradability
- Good stability to strong acidic and alkaline conditions
- Strong emulsifying properties

**APPLICATION:**

- Water soluble biodegradable surfactant used in a variety of toiletry, household and institutional cleaning formulations.
- Co-Emulsifier for fats, oils, silicones, and waxes.

**COMPARISON TO NP 6:**

	NP-6	LA-105
Cloud Point (1% aq):	Dispersible	Dispersible
HLB:	10.8	10.2
Surface Tension:	29 dyn/cm	27 dyn/cm

**STORAGE:**

**Trisurf LA 105** should be stored in a sealed container and kept at temperatures above 40 F to stay liquid. Avoid overheating and freezing. Apply mild heating and agitation if material is frozen to ensure the product is homogeneous.

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