



# Chevron Phillips Chemical Company Issued Sales Specification

## Name of Product

**SCENTINEL\*N**

## Revision Date

**2/12/2011**

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Test	Units	Method	Typical	Minimum	Maximum	Qualitative	Note
APHA Color	---	ASTM D-5386	6	---	30	---	---
Appearance	---	Visual	Clear with no particulate matter	---	---	Clear with no particulate matter	---
Cloud Point	FAH	ASTM D-2386 mod	< -50	---	-50	---	---
Distillation - DP	FAH	ASTM D-86	158	---	180	---	---
Distillation - IBP	FAH	ASTM D-86	141	130	---	---	---
Ethanol	WT%	Chromatography	0.004	---	0.05	---	---
Ethyl Mercaptan	WT%	Chromatography	0.1	---	1.00	---	---
Half Doctor Test	---	ASTM D-235	Pass	---	---	Pass	---
Insolubles	---	CPCHEM SLP-1518	0.005	---	1.0	---	---
Isopropyl Mercaptan	WT%	Chromatography	14.7	13.0	17.0	---	---
Largest Other Single Component	WT%	Chromatography	< 1.0	---	0.40	---	---
Methanol	WT%	Chromatography	0.005	---	0.05	---	---
n-Propyl Mercaptan	WT%	Chromatography	6.1	5.0	7.0	---	---
NC4SH + IC4SH	WT%	Chromatography	0.1	---	0.5	---	---
Other Components	WT%	Chromatography	< 1.0	---	1.0	---	---
s-Butyl Mercaptan	WT%	Chromatography	2.9	2.0	4.0	---	---
Specific Gravity 60/60	---	ASTM D-4052	0.8110	0.7980	0.8180	---	---
t-Butyl Mercaptan	WT%	Chromatography	76.2	75.0	80.0	---	---
Total Mercaptans	WT%	Chromatography	99.9	99.0	---	---	---
Other	Units	Method	Typical	Minimum	Maximum	Qualitative	Note
Calculated Sulfur	WT%	Chromatography	37	---	---	---	---
Density @ 60 F	LB/GAL	ASTM D-4052	6.76	---	---	---	---
Flash Point, PM	FAH	ASTM D-93	< 0	---	---	---	---
Half Doctor Test	---	ASTM D-235	Pass	---	---	---	---
Reid Vapor Pressure at 100F	PSI	Calculated	6.8	---	---	---	---

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