



# Chevron Phillips Chemical Company Issued Sales Specification

## Name of Product

SCENTINEL\*P

## Revision Date

2/15/2011

Chevron Phillips Chemical Company LP  
10001 Six Pines Drive  
The Woodlands, TX 77380  
800-858-4327  
Technical Service: 832-813-4862

Chevron Phillips Chemicals International N.V.  
Airport Plaza – Stockholm Building  
Leonardo Da Vincilaan 19  
1831 Diegem, Belgium  
+32 2 689 1211

Chevron Phillips Chemicals Asia PTE Ltd.  
1 Harbour Front Avenue  
#09-01 Keppel Bay Tower  
Singapore, 098632  
+65 6517 3100

Test	Units	Method	Typical	Minimum	Maximum	Qualitative	Note
APHA Color	---	ASTM D-5386	15	---	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	154	---	170	---	---
Distillation - IBP	FAH	ASTM D-86	125	122	---	---	---
Ethanol	WT%	Chromatography	0.02	---	0.05	---	---
Freezing Point	FAH	ASTM D-2386	< -50	---	-50	---	---
Isopropyl Mercaptan	WT%	Chromatography	80	78.0	82.0	---	---
Methanol	WT%	Chromatography	0.02	---	0.05	---	---
n-Propyl Mercaptan	WT%	Chromatography	10	8.0	12.0	---	---
t-Butyl Mercaptan	WT%	Chromatography	10	8.0	12.0	---	---
Total Mercaptans	WT%	Chromatography	99.5	99.0	---	---	---
Other	Units	Method	Typical	Minimum	Maximum	Qualitative	Note
Calculated Sulfur	WT%	Chromatography	41	---	---	---	---
Density @ 60 F	LB/GAL	ASTM D-4052	6.84	---	---	---	---
Distillation - 50%	FAH	ASTM D-86	132	---	---	---	---
Distillation - 90%	FAH	ASTM D-86	136	---	---	---	---
Flash Point, PM	FAH	ASTM D-93	< 0	---	---	---	---
Half Doctor Test	---	ASTM D-235	Pass	---	---	---	---
Mercaptan Sulfur	WT%	CPChem SLP-1204	41	---	---	---	---
Reid Vapor Pressure at 100F	PSI	Calculated	7.2	---	---	---	---
Specific Gravity 60/60F	---	ASTM D-4052	0.822	---	---	---	---

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