



# Chevron Phillips Chemical Company Issued Sales Specification

Name of Product  
N-PROPYL MERCAPTAN TECH

Revision Date  
11/19/2012

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Test	Units	Method	Typical	Minimum	Maximum	Qualitative	Note
Appearance	---	Visual	Clear with no particulate matter	---	---	Clear with no particulate matter	---
Cloud Point	FAH	ASTM D-2386 mod	< -20	---	-20	---	---
Distillation - 95%	CEL	ASTM D-1078	67.9	---	71	---	---
Distillation - IBP	CEL	ASTM D-1078	65.7	65	---	---	---
Ethyl Mercaptan	WT%	Chromatography	0.004	---	0.05	---	---
Isopropyl Mercaptan	WT%	Chromatography	0.35	---	0.5	---	---
n-Propyl Mercaptan	WT%	Chromatography	99.5	99.0	---	---	---
s-Butyl Mercaptan	WT%	Chromatography	---	---	0.4	---	---
t-Butyl Mercaptan	WT%	Chromatography	---	---	---	---	REPORT
Other	Units	Method	Typical	Minimum	Maximum	Qualitative	Note
Other Mercaptans	WT%	Chromatography	0.1	---	---	---	---
Vapor Pressure @ 100.4 F, PSI	PSI	ASTM D-5191	5.1	---	---	---	---
Specific Gravity 60/60F	---	ASTM D-4052	0.847	---	---	---	---
Density @ 60 F	LB/GAL	ASTM D-4052	7.01	---	---	---	---
Density @ 15C	g/ml	ASTM D-4052	0.84	---	---	---	---
Flash Point, TCC	FAH	ASTM D-56	-5	---	---	---	---
Freezing Point, FAH (Literature Value)	---	---	-172	---	---	---	---
Mercaptan Sulfur Content, WT% (Literature Value)	---	---	41.9	---	---	---	---
Coefficient of Expansion, 1/deg C (Literature Value)	---	---	0.0011	---	---	---	---
Viscosity at 68F, cP (Literature Value)	---	---	0.399	---	---	---	---

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