



Isohexane

TECHNICAL DATA SHEET

<u>Property</u>	<u>Typical</u>	<u>Range</u>	<u>Specification</u>	<u>Test Method</u>
COMPOSITION, WT%				Gas Chrom
Pentanes	1.4	<0.01 -3.4	--	
Isohexanes**	98.3	96.4 - 99.8	90.0 Min	
Normal Hexane	0.3	<0.01 - 1.0	1.0 Max	
API Gravity	82.0	82.5 - 81.6	--	ASTM D-4052
Specific Gravity	0.6644	0.6612 - 0.6640	--	API Table 3
Density, lbs/gal	5.53	5.50 - 5.53	--	API Table 8
DISTILLATION, DEG F				ASTM D-1078
IBP	137.8	130.4 - 140.7	123 Min	
Dry Point	141.5	140.7 - 149.5	150 Max	
Color, Saybolt*	+30	+30	+ 30	ASTM D-6045
Sulfur Content, ppm	< 1	<1 - 5	5.0 Max	ASTM D-5453
Non-volatile Content mg/100 ml	0.1	0.1 - 0.3	1.0 Max	ASTM D-1353
Reid Vapor Pressure	7.1	6.7 - 7.9	--	ASTM D-5191
Benzene, ppm	<0.1	<0.1 - 1.0	5.0 Max	Gas Chrom
Copper Corrosion	1 A		1 A	ASTM D-130
Bromine Index, mg Br/100g	< 1	< 1 - 3	30.0 Max	ASTM D-1492
Water Content, wppm	10.0	2.8 - 28.6	30.0 Max	ASTM D-6304
<u>OTHER INFORMATION</u>				
Shipping:	Shipped in railcars, tank trucks and 55-gallon drums from Silsbee, Texas. DOT Classification: Hexane, Flammable Liquid Hazardous Materials Identification Number: UN1208			
Toxicity:	Threshold Limit Value: 500 ppm: OSHA Standard, TWA 50 ppm: ACGIH Standard, TWA CAS: 107-83-5 CAS: 92112-69-1			
				Nov 2016

* Saybolt color of +30 is approximately 0 on the Pt-Co Color Scale

**Isohexanes are the sum off, 2,2-dimethylbutane, 2,3-dimethylbutane,2-methylpentane,and 3-methylpentane

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